

**ORACLE<sup>®</sup>**

Aconex

# Workflows API Developer Guide

# Aconex Workflow Services

## Aconex Workflow APIs

- [Search Workflows Of Project](#)
- [Search Workflows Initiated By User's Organization](#)
- [Search Workflows Not Initiated By User's Organization](#)
- [Search Workflows Assigned to User's Organization](#)
- [Search Workflows Not Assigned to User's Organization](#)
- [Search Workflows By Status](#)
- [Search Workflows By Status And Initiated By User's Organization](#)
- [Search Workflows By Status And Not Initiated By User's Organization](#)
- [Search Workflows By Status And Assigned To User's Organization](#)
- [Search Workflows By Status And Not Assigned To User's Organization](#)
- [Search Workflows By Workflow Numbers](#)
- [Copy Workflow Templates](#)
- [Get Supplementary Files](#)
- [Download Supplementary File](#)
- [Download Supplementary Files As Zip](#)

### Http Header

```
Accept: application/vnd.aconex.workflow.v1+xml
```

## Search Workflows Of Project

### Search Workflows Of Project

The service retrieves a set of workflows belonging to the given project.

#### Specifying updated\_before

The service allows you to provide a date time specifying the earliest modification to be included in the returned results. That is, only workflows that have changed at or prior to this time will be included in the response.

#### Specifying updated\_after

The service allows you to provide a date time specifying the latest modification to be included in the returned results. That is, only workflows that have changed at or after this time will be included in the response.

#### Specifying page\_number and page\_size

The service allows you to request back a specific page from a large number of results by specifying page\_number and page\_size.

### URL structure

```
HTTP GET: https://{hostname}/api/projects/{project_id}/workflows?{parameters}
```

### Parameters

Parameters	Type	Cardinality	Notes
project_id	Integer	1	The ID fo the project whose workflows will be returned.
page_size	Integer	0..1	Must be at minimum (and a multiple of) 25. The default value is 25.
page_number	Integer	0..1	Must be greater than 0. The default value is 1.
updated_before	DateTime	0..1	A RFC3339 date time.
updated_after	DateTime	0..1	An RFC3339 date time.

### Interface

#### Request Fields

Not Applicable. HTTP GET operations have no request body.

### Sample request

```
https://a1.aconex.com/api/projects/1879048400/workflows?updated_after=2020-07-01T03%3A00%3A00Z&updated_before=2021-07-30T03%3A00%3A00Z&page_size=25&page_number=1
```

The search query in the example above returns workflows of project 1879048400 which were last updated between 2020-07-01T03:00:00Z and 2021-07-30T03:00:00Z. Note the use of URL escape codes in the sample request.

### Response Fields

Cardinality refers to the number of repetitions a field can have. A cardinality that allows zero (0) means the field is optional, and may not appear in the response.

The number of \*'s indicate the parent-child depth.

Element	Type	Cardinality	Notes
WorkflowSearch	Group	1	
TotalResults	Attribute Integer	1	The number of workflows that match the searching criteria.
TotalResultsOnPage	Attribute Integer	1	The number of results on the current page.
TotalPages	Attribute Integer	1	The total number of pages available.
PageSize	Attribute Integer	1	The page size for the search conducted which will match the page_size parameter provided.
CurrentPage	Attribute Integer	1	The page the results are on. This should match the page_number parameter provided.
* SearchResults	Group	1	
** Workflow	Group	0..n	
** WorkflowId	Attribute Long(64 bit)	1	
*** Assignees	Group	1	The users to whom this workflow has been assigned.
**** Assignee	Group	1..n	
***** OrganizationId	Long(64 bit)	1	
***** OrganizationName	String	1	
***** Name	String	1	
***** UserId	Long(64 bit)	1	
*** Comments	String	1	
*** Reviewer	Group	0..1	One of the assignees who completed this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
*** DateCompleted	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DateDue	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DateIn	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DaysLate	Integer	1	
*** DocumentNumber	String	1	
*** DocumentRevision	String	1	
*** DocumentTitle	String	1	

*** DocumentTrackingId	Long(64 bit)	1	The tracking id for a document is a unique identifier for all version of a specific document. When a document is first registered into Aconex, a unique identifier is generated and this value is used assigned to all document revisions of that document. One can use this tracking identifier to create a chain of documents.
*** DocumentVersion	Long(64 bit)	1	The version number of a document provides information relating to the sequence in which the document was registered within the chain of revisions. For all documents with the same Tracking Id, the version number will be an integer value starting from 1. e.g. When a document is newly registered into Aconex, its version number will be 1. When it is superseded, a new document with a version number of 2 will be created.
*** Duration	Float	1	In days.
*** FileName	String	1	
*** FileSize	Long(64 bit)	1	In bytes.
*** Initiator	Group	1	The user who initiated this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
OriginalDueDate	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
ParentWorkflowId	Long(64 bit)	0..1	This field is only applicable to sub-workflows initiated inside the Workflows module.
ReasonForIssue	String	1	
RelatedSupplierDocumentPackage	String	0..1	This field contains the package number of related supplier document package if any.
StepName	String	1	
StepOutcome	String	1	
StepStatus	String	1	One of : Completed Current Forecast Overdue Skipped Terminated
WorkflowName	String	1	
WorkflowNumber	String	1	
WorkflowStatus	String	1	One of : Completed In Progress Terminated
WorkflowTemplate	String	1	

### Sample response

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<WorkflowSearch TotalResultsOnPage="3" TotalResults="3" TotalPages="1" PageSize="25" CurrentPage="1">
  <SearchResults>
    <Workflow WorkflowId="271341877549072385">
      <Assignees>
        <Assignee>
          <OrganizationId>1879048492</OrganizationId>
          <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
          <Name>Mr Patrick O'Leary</Name>
          <UserId>1879049107</UserId>
        </Assignee>
      </Assignees>
      <Comments></Comments>
      <DateCompleted></DateCompleted>
      <DateDue>2021-07-19T00:21:01.423Z</DateDue>
      <DateIn>2021-07-16T00:21:01.597Z</DateIn>
      <DaysLate>3</DaysLate>
      <DocumentNumber>A-1001</DocumentNumber>
      <DocumentRevision>C</DocumentRevision>
      <DocumentTitle>SITE PLAN</DocumentTitle>
      <DocumentTrackingId>1879050652</DocumentTrackingId>
      <DocumentVersion>17</DocumentVersion>
      <Duration>1.0</Duration>
      <FileName>A-1001-A.pdf</FileName>
      <FileSize>208412</FileSize>
      <Initiator>
```

```
<OrganizationId>1879048492</OrganizationId>
<OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
<Name>Mr Patrick O'Leary</Name>
<UserId>1879049107</UserId>
</Initiator>
<OriginalDueDate>2021-07-19T00:21:01.423Z</OriginalDueDate>
<ParentWorkflowId>1879050805</ParentWorkflowId>
<ReasonForIssue>Issued for Information</ReasonForIssue>
<StepName>STEP 1</StepName>
<StepOutcome>Pending Action</StepOutcome>
<StepStatus>Overdue</StepStatus>
<WorkflowName>patrick-only-internal</WorkflowName>
<WorkflowNumber>WF-000031</WorkflowNumber>
<WorkflowStatus>In Progress</WorkflowStatus>
<WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
<Workflow WorkflowId="271341877549072386">
  <Assignees>
    <Assignee>
      <OrganizationId>1879048492</OrganizationId>
      <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
      <Name>Mr Patrick O'Leary</Name>
      <UserId>1879049107</UserId>
    </Assignee>
  </Assignees>
  <Comments></Comments>
  <DateCompleted></DateCompleted>
  <DateDue>2021-07-19T00:23:03.837Z</DateDue>
  <DateIn>2021-07-16T00:23:03.947Z</DateIn>
  <DaysLate>3</DaysLate>
  <DocumentNumber>SKT-000002</DocumentNumber>
  <DocumentRevision>b</DocumentRevision>
  <DocumentTitle>supplierdoc</DocumentTitle>
  <DocumentTrackingId>1879054118</DocumentTrackingId>
  <DocumentVersion>4</DocumentVersion>
  <Duration>1.0</Duration>
  <FileName>leaves1.jpg</FileName>
  <FileSize>374921</FileSize>
  <Initiator>
    <OrganizationId>1879048492</OrganizationId>
    <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
    <Name>Mr Patrick O'Leary</Name>
    <UserId>1879049107</UserId>
  </Initiator>
  <OriginalDueDate>2021-07-19T00:23:03.837Z</OriginalDueDate>
  <ReasonForIssue>Issued for Information</ReasonForIssue>
  <RelatedSupplierDocumentPackage>Poleary as EPCM</RelatedSupplierDocumentPackage>
  <StepName>STEP 1</StepName>
  <StepOutcome>Pending Action</StepOutcome>
  <StepStatus>Overdue</StepStatus>
  <WorkflowName>patrick-only-internal</WorkflowName>
  <WorkflowNumber>WF-000032</WorkflowNumber>
  <WorkflowStatus>In Progress</WorkflowStatus>
  <WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
<Workflow WorkflowId="271341877549072389">
  <Assignees>
    <Assignee>
      <OrganizationId>1879048492</OrganizationId>
      <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
      <Name>Mr Patrick O'Leary</Name>
      <UserId>1879049107</UserId>
    </Assignee>
  </Assignees>
  <Comments></Comments>
  <DateCompleted></DateCompleted>
  <DateDue>2021-07-20T00:48:42.123Z</DateDue>
  <DateIn>2021-07-19T00:48:42.197Z</DateIn>
  <DaysLate>2</DaysLate>
  <DocumentNumber>05-034_A700-1</DocumentNumber>
  <DocumentRevision>57</DocumentRevision>
  <DocumentTitle>the whole world isnt intellij</DocumentTitle>
  <DocumentTrackingId>1879052680</DocumentTrackingId>
  <DocumentVersion>13</DocumentVersion>
  <Duration>1.0</Duration>
  <FileName>N05-034_A700-3.pdf</FileName>
  <FileSize>420387</FileSize>
  <Initiator>
    <OrganizationId>1879048492</OrganizationId>
    <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
    <Name>Mr Patrick O'Leary</Name>
    <UserId>1879049107</UserId>
  </Initiator>
  <OriginalDueDate>2021-07-20T00:48:42.123Z</OriginalDueDate>
```

```

    <ReasonForIssue>Issued for Approval</ReasonForIssue>
    <RelatedSupplierDocumentPackage>test-syd</RelatedSupplierDocumentPackage>
    <StepName>STEP 1</StepName>
    <StepOutcome>Pending Action</StepOutcome>
    <StepStatus>Overdue</StepStatus>
    <WorkflowName>patrick-only-internal</WorkflowName>
    <WorkflowNumber>WF-000033</WorkflowNumber>
    <WorkflowStatus>In Progress</WorkflowStatus>
    <WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
  </Workflow>
</SearchResults>
</WorkflowSearch>

```

## Error Codes Specific to the Service

Status Code	Description	HTTP Status Code
INVALID_PARAMETER_VALUE	If a value for a provided parameter is not valid in anyway or unexpected	400
USER_NOT_ON_PROJECT	If the authorizing user is not on the given project	401

## Prerequisites

### Required Permissions

### Constraints

The request will fail if the specified project is in any of the following states:

- De-activated
- Disconnected

The request will also fail if the authorizing user does not have access to the specified project.

## Related APIs

- Search Workflows Initiated By User's Organization
- Search Workflows Not Initiated By User's Organization
- Search Workflows Assigned to User's Organization
- Search Workflows Not Assigned to User's Organization
- Search Workflows By Status
- Search Workflows By Status And Initiated By User's Organization
- Search Workflows By Status And Not Initiated By User's Organization
- Search Workflows By Status And Assigned To User's Organization
- Search Workflows By Status And Not Assigned To User's Organization

## Search Workflows Initiated By User's Organization

### Search Workflows Initiated By User's Organization

The service retrieves a set of workflows belonging to the given project and initiated by the requesting user's organization.

#### Specifying updated\_before

The service allows you to provide a date time specifying the earliest modification to be included in the returned results. That is, only workflows that have changed at or prior to this time will be included in the response.

#### Specifying updated\_after

The service allows you to provide a date time specifying the latest modification to be included in the returned results. That is, only workflows that have changed at or after this time will be included in the response.

#### Specifying page\_number and page\_size

The service allows you to request back a specific page from a large number of results by specifying page\_number and page\_size.

## URL structure

```
HTTP GET: https://{hostname}/api/projects/{project_id}/workflows/initiated-by/us?{parameters}
```

## Parameters

Parameters	Type	Cardinality	Notes
project_id	Integer	1	The ID fo the project whose workflows will be returned.
page_size	Integer	0..1	Must be at minimum (and a multiple of) 25. The default value is 25.
page_number	Integer	0..1	Must be greater than 0. The default value is 1.
updated_before	DateTime	0..1	A RFC3339 date time.
updated_after	DateTime	0..1	An RFC3339 date time.

## Interface

### Request Fields

Not Applicable. HTTP GET operations have no request body.

### Sample request

```
https://au1.aconex.com/api/projects/1879048400/workflows/initiated-by/us?updated_after=2020-07-01T03%3A00%3A00Z&updated_before=2021-07-30T03%3A00%3A00Z&page_size=25&page_number=1
```

The search query in the example above returns workflows of project 1879048400 which were initiated by the requesting user's organization and were last updated between 2020-07-01T03:00:00Z and 2021-07-30T03:00:00Z. Note the use of URL escape codes in the sample request.

### Response Fields

Cardinality refers to the number of repetitions a field can have. A cardinality that allows zero (0) means the field is optional, and may not appear in the response.

The number of \*'s indicate the parent-child depth.

Element	Type	Cardinality	Notes
WorkflowSearch	Group	1	
TotalResults	Attribute Integer	1	The number of workflows that match the searching criteria.
TotalResultsOnPage	Attribute Integer	1	The number of results on the current page.
TotalPages	Attribute Integer	1	The total number of pages available.
PageSize	Attribute Integer	1	The page size for the search conducted which will match the page_size parameter provided.
CurrentPage	Attribute Integer	1	The page the results are on. This should match the page_number parameter provided.
* SearchResults	Group	1	
** Workflow	Group	0..n	
** WorkflowId	Attribute Long(64 bit)	1	
*** Assignees	Group	1	The users to whom this workflow has been assigned.
**** Assignee	Group	1..n	
***** OrganizationId	Long(64 bit)	1	
***** OrganizationName	String	1	
***** Name	String	1	
***** UserId	Long(64 bit)	1	
*** Comments	String	1	
*** Reviewer	Group	0..1	One of the assignees who completed this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	

**** UserId	Long(64 bit)	1	
*** DateCompleted	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DateDue	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DateIn	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DaysLate	Integer	1	
*** DocumentNumber	String	1	
*** DocumentRevision	String	1	
*** DocumentTitle	String	1	
*** DocumentTrackingId	Long(64 bit)	1	The tracking id for a document is a unique identifier for all version of a specific document. When a document is first registered into Aconex, a unique identifier is generated and this value is used assigned to all document revisions of that document. One can use this tracking identifier to create a chain of documents.
*** DocumentVersion	Long(64 bit)	1	The version number of a document provides information relating to the sequence in which the document was registered within the chain of revisions. For all documents with the same Tracking Id, the version number will be an integer value starting from 1. e.g. When a document is newly registered into Aconex, its version number will be 1. When it is superseded, a new document with a version number of 2 will be created.
*** Duration	Float	1	In days.
*** FileName	String	1	
*** FileSize	Long(64 bit)	1	In bytes.
*** Initiator	Group	1	The user who initiated this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
OriginalDueDate	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
ParentWorkflowId	Long(64 bit)	0..1	This field is only applicable to sub-workflows initiated inside the Workflows module.
ReasonForIssue	String	1	
RelatedSupplierDocumentPackage	String	0..1	This field contains the package number of related supplier document package if any.
StepName	String	1	
StepOutcome	String	1	
StepStatus	String	1	One of : Completed Current Forecast Overdue Skipped Terminated
WorkflowName	String	1	
WorkflowNumber	String	1	
WorkflowStatus	String	1	One of : Completed In Progress Terminated
WorkflowTemplate	String	1	

### Sample response

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<WorkflowSearch TotalResultsOnPage="3" TotalResults="3" TotalPages="1" PageSize="25" CurrentPage="1">
  <SearchResults>
    <Workflow WorkflowId="271341877549072385">
      <Assignees>
        <Assignee>
          <OrganizationId>1879048492</OrganizationId>
          <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
          <Name>Mr Patrick O'Leary</Name>
          <UserId>1879049107</UserId>
        </Assignee>
      </Assignees>
    </Workflow>
  </SearchResults>
</WorkflowSearch>
```

```
<Comments></Comments>
<DateCompleted></DateCompleted>
<DateDue>2021-07-19T00:21:01.423Z</DateDue>
<DateIn>2021-07-16T00:21:01.597Z</DateIn>
<DaysLate>3</DaysLate>
<DocumentNumber>A-1001</DocumentNumber>
<DocumentRevision>C</DocumentRevision>
<DocumentTitle>SITE PLAN</DocumentTitle>
<DocumentTrackingId>1879050652</DocumentTrackingId>
<DocumentVersion>17</DocumentVersion>
<Duration>1.0</Duration>
<FileName>A-1001-A.pdf</FileName>
<FileSize>208412</FileSize>
<Initiator>
  <OrganizationId>1879048492</OrganizationId>
  <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
  <Name>Mr Patrick O'Leary</Name>
  <UserId>1879049107</UserId>
</Initiator>
<OriginalDueDate>2021-07-19T00:21:01.423Z</OriginalDueDate>
<ParentWorkflowId>1879050805</ParentWorkflowId>
<ReasonForIssue>Issued for Information</ReasonForIssue>
<StepName>STEP 1</StepName>
<StepOutcome>Pending Action</StepOutcome>
<StepStatus>Overdue</StepStatus>
<WorkflowName>patrick-only-internal</WorkflowName>
<WorkflowNumber>WF-000031</WorkflowNumber>
<WorkflowStatus>In Progress</WorkflowStatus>
<WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
<Workflow WorkflowId="271341877549072386">
  <Assignees>
    <Assignee>
      <OrganizationId>1879048492</OrganizationId>
      <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
      <Name>Mr Patrick O'Leary</Name>
      <UserId>1879049107</UserId>
    </Assignee>
  </Assignees>
  <Comments></Comments>
  <DateCompleted></DateCompleted>
  <DateDue>2021-07-19T00:23:03.837Z</DateDue>
  <DateIn>2021-07-16T00:23:03.947Z</DateIn>
  <DaysLate>3</DaysLate>
  <DocumentNumber>SKT-000002</DocumentNumber>
  <DocumentRevision>b</DocumentRevision>
  <DocumentTitle>supplierdoc</DocumentTitle>
  <DocumentTrackingId>1879054118</DocumentTrackingId>
  <DocumentVersion>4</DocumentVersion>
  <Duration>1.0</Duration>
  <FileName>leaves1.jpg</FileName>
  <FileSize>374921</FileSize>
  <Initiator>
    <OrganizationId>1879048492</OrganizationId>
    <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
    <Name>Mr Patrick O'Leary</Name>
    <UserId>1879049107</UserId>
  </Initiator>
  <OriginalDueDate>2021-07-19T00:23:03.837Z</OriginalDueDate>
  <ReasonForIssue>Issued for Information</ReasonForIssue>
  <RelatedSupplierDocumentPackage>Poleary as EPCM</RelatedSupplierDocumentPackage>
  <StepName>STEP 1</StepName>
  <StepOutcome>Pending Action</StepOutcome>
  <StepStatus>Overdue</StepStatus>
  <WorkflowName>patrick-only-internal</WorkflowName>
  <WorkflowNumber>WF-000032</WorkflowNumber>
  <WorkflowStatus>In Progress</WorkflowStatus>
  <WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
<Workflow WorkflowId="271341877549072389">
  <Assignees>
    <Assignee>
      <OrganizationId>1879048492</OrganizationId>
      <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
      <Name>Mr Patrick O'Leary</Name>
      <UserId>1879049107</UserId>
    </Assignee>
  </Assignees>
  <Comments></Comments>
  <DateCompleted></DateCompleted>
  <DateDue>2021-07-20T00:48:42.123Z</DateDue>
  <DateIn>2021-07-19T00:48:42.197Z</DateIn>
  <DaysLate>2</DaysLate>
  <DocumentNumber>05-034_A700-1</DocumentNumber>
```

```

<DocumentRevision>57</DocumentRevision>
<DocumentTitle>the whole world isnt intellij</DocumentTitle>
<DocumentTrackingId>1879052680</DocumentTrackingId>
<DocumentVersion>13</DocumentVersion>
<Duration>1.0</Duration>
<FileName>N05-034_A700-3.pdf</FileName>
<FileSize>420387</FileSize>
<Initiator>
  <OrganizationId>1879048492</OrganizationId>
  <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
  <Name>Mr Patrick O'Leary</Name>
  <UserId>1879049107</UserId>
</Initiator>
<OriginalDueDate>2021-07-20T00:48:42.123Z</OriginalDueDate>
<ReasonForIssue>Issued for Approval</ReasonForIssue>
<RelatedSupplierDocumentPackage>test-syd</RelatedSupplierDocumentPackage>
<StepName>STEP 1</StepName>
<StepOutcome>Pending Action</StepOutcome>
<StepStatus>Overdue</StepStatus>
<WorkflowName>patrick-only-internal</WorkflowName>
<WorkflowNumber>WF-000033</WorkflowNumber>
<WorkflowStatus>In Progress</WorkflowStatus>
<WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
</SearchResults>
</WorkflowSearch>

```

## Error Codes Specific to the Service

Status Code	Description	HTTP Status Code
INVALID_PARAMETER_VALUE	If a value for a provided parameter is not valid in anyway or unexpected	400
USER_NOT_ON_PROJECT	If the authorizing user is not on the given project	401

## Prerequisites

### Required Permissions

### Constraints

The request will fail if the specified project is in any of the following states:

- De-activated
- Disconnected

The request will also fail if the authorizing user does not have access to the specified project.

## Related APIs

- Search Workflows Of Project
- Search Workflows Not Initiated By User's Organization
- Search Workflows Assigned to User's Organization
- Search Workflows Not Assigned to User's Organization
- Search Workflows By Status
- Search Workflows By Status And Initiated By User's Organization
- Search Workflows By Status And Not Initiated By User's Organization
- Search Workflows By Status And Assigned To User's Organization
- Search Workflows By Status And Not Assigned To User's Organization

---

## Search Workflows Not Initiated By User's Organization

### Search Workflows Not Initiated By User's Organization

The service retrieves a set of workflows belonging to the given project and initiated by organizations other than the requesting user's organization

#### Specifying updated\_before

The service allows you to provide a date time specifying the earliest modification to be included in the returned results. That is, only workflows that have changed at or prior to this time will be included in the response.

#### Specifying updated\_after

The service allows you to provide a date time specifying the latest modification to be included in the returned results. That is, only workflows that have changed at or after this time will be included in the response.

### Specifying page\_number and page\_size

The service allows you to request back a specific page from a large number of results by specifying page\_number and page\_size.

### URL structure

```
HTTP GET: https://{hostname}/api/projects/{project_id}/workflows/initiated-by/others?{parameters}
```

### Parameters

Parameters	Type	Cardinality	Notes
project_id	Integer	1	The ID fo the project whose workflows will be returned.
page_size	Integer	0..1	Must be at minimum (and a multiple of) 25. The default value is 25.
page_number	Integer	0..1	Must be greater than 0. The default value is 1.
updated_before	DateTime	0..1	A RFC3339 date time.
updated_after	DateTime	0..1	An RFC3339 date time.

### Interface

#### Request Fields

Not Applicable. HTTP GET operations have no request body.

#### Sample request

```
https://a1.aconex.com/api/projects/1879048400/workflows/initiated-by/others?updated_after=2020-07-01T03%3A00%3A00Z&updated_before=2021-07-30T03%3A00%3A00Z&page_size=25&page_number=1
```

The search query in the example above returns workflows of project 1879048400 which were not initiated by the requesting user's organization and were last updated between 2020-07-01T03:00:00Z and 2021-07-30T03:00:00Z. Note the use of URL escape codes in the sample request.

### Response Fields

Cardinality refers to the number of repetitions a field can have. A cardinality that allows zero (0) means the field is optional, and may not appear in the response.

The number of \*'s indicate the parent-child depth.

Element	Type	Cardinality	Notes
WorkflowSearch	Group	1	
TotalResults	Attribute Integer	1	The number of workflows that match the searching criteria.
TotalResultsOnPage	Attribute Integer	1	The number of results on the current page.
TotalPages	Attribute Integer	1	The total number of pages available.
PageSize	Attribute Integer	1	The page size for the search conducted which will match the page_size parameter provided.
CurrentPage	Attribute Integer	1	The page the results are on. This should match the page_number parameter provided.
* SearchResults	Group	1	
** Workflow	Group	0..n	
** WorkflowId	Attribute Long(64 bit)	1	
*** Assignees	Group	1	The users to whom this workflow has been assigned.
**** Assignee	Group	1..n	

**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
*** Comments	String	1	
*** Reviewer	Group	0..1	One of the assignees who completed this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
*** DateCompleted	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DateDue	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DateIn	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DaysLate	Integer	1	
*** DocumentNumber	String	1	
*** DocumentRevision	String	1	
*** DocumentTitle	String	1	
*** DocumentTrackingId	Long(64 bit)	1	The tracking id for a document is a unique identifier for all version of a specific document. When a document is first registered into Aconex, a unique identifier is generated and this value is used assigned to all document revisions of that document. One can use this tracking identifier to create a chain of documents.
*** DocumentVersion	Long(64 bit)	1	The version number of a document provides information relating to the sequence in which the document was registered within the chain of revisions. For all documents with the same Tracking Id, the version number will be an integer value starting from 1. e.g. When a document is newly registered into Aconex, its version number will be 1. When it is superseded, a new document with a version number of 2 will be created.
*** Duration	Float	1	In days.
*** FileName	String	1	
*** FileSize	Long(64 bit)	1	In bytes.
*** Initiator	Group	1	The user who initiated this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
OriginalDueDate	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
ParentWorkflowId	Long(64 bit)	0..1	This field is only applicable to sub-workflows initiated inside the Workflows module.
ReasonForIssue	String	1	
RelatedSupplierDocumentPackage	String	0..1	This field contains the package number of related supplier document package if any.
StepName	String	1	
StepOutcome	String	1	
StepStatus	String	1	One of : Completed Current Forecast Overdue Skipped Terminated
WorkflowName	String	1	
WorkflowNumber	String	1	
WorkflowStatus	String	1	One of : Completed In Progress Terminated

WorkflowTemplate	String	1	
------------------	--------	---	--

## Sample response

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<WorkflowSearch TotalResultsOnPage="3" TotalResults="3" TotalPages="1" PageSize="25" CurrentPage="1">
  <SearchResults>
    <Workflow WorkflowId="271341877549072385">
      <Assignees>
        <Assignee>
          <OrganizationId>1879048492</OrganizationId>
          <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
          <Name>Mr Patrick O'Leary</Name>
          <UserId>1879049107</UserId>
        </Assignee>
      </Assignees>
      <Comments></Comments>
      <DateCompleted></DateCompleted>
      <DateDue>2021-07-19T00:21:01.423Z</DateDue>
      <DateIn>2021-07-16T00:21:01.597Z</DateIn>
      <DaysLate>3</DaysLate>
      <DocumentNumber>A-1001</DocumentNumber>
      <DocumentRevision>C</DocumentRevision>
      <DocumentTitle>SITE PLAN</DocumentTitle>
      <DocumentTrackingId>1879050652</DocumentTrackingId>
      <DocumentVersion>17</DocumentVersion>
      <Duration>1.0</Duration>
      <FileName>A-1001-A.pdf</FileName>
      <FileSize>208412</FileSize>
      <Initiator>
        <OrganizationId>1879048492</OrganizationId>
        <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
        <Name>Mr Patrick O'Leary</Name>
        <UserId>1879049107</UserId>
      </Initiator>
      <OriginalDueDate>2021-07-19T00:21:01.423Z</OriginalDueDate>
      <ParentWorkflowId>1879050805</ParentWorkflowId>
      <ReasonForIssue>Issued for Information</ReasonForIssue>
      <StepName>STEP 1</StepName>
      <StepOutcome>Pending Action</StepOutcome>
      <StepStatus>Overdue</StepStatus>
      <WorkflowName>patrick-only-internal</WorkflowName>
      <WorkflowNumber>WF-000031</WorkflowNumber>
      <WorkflowStatus>In Progress</WorkflowStatus>
      <WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
    </Workflow>
    <Workflow WorkflowId="271341877549072386">
      <Assignees>
        <Assignee>
          <OrganizationId>1879048492</OrganizationId>
          <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
          <Name>Mr Patrick O'Leary</Name>
          <UserId>1879049107</UserId>
        </Assignee>
      </Assignees>
      <Comments></Comments>
      <DateCompleted></DateCompleted>
      <DateDue>2021-07-19T00:23:03.837Z</DateDue>
      <DateIn>2021-07-16T00:23:03.947Z</DateIn>
      <DaysLate>3</DaysLate>
      <DocumentNumber>SKT-000002</DocumentNumber>
      <DocumentRevision>b</DocumentRevision>
      <DocumentTitle>supplierdoc</DocumentTitle>
      <DocumentTrackingId>1879054118</DocumentTrackingId>
      <DocumentVersion>4</DocumentVersion>
      <Duration>1.0</Duration>
      <FileName>leaves1.jpg</FileName>
      <FileSize>374921</FileSize>
      <Initiator>
        <OrganizationId>1879048492</OrganizationId>
        <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
        <Name>Mr Patrick O'Leary</Name>
        <UserId>1879049107</UserId>
      </Initiator>
      <OriginalDueDate>2021-07-19T00:23:03.837Z</OriginalDueDate>
      <ReasonForIssue>Issued for Information</ReasonForIssue>
      <RelatedSupplierDocumentPackage>Poleary as EPCM</RelatedSupplierDocumentPackage>
      <StepName>STEP 1</StepName>
      <StepOutcome>Pending Action</StepOutcome>
      <StepStatus>Overdue</StepStatus>
      <WorkflowName>patrick-only-internal</WorkflowName>
      <WorkflowNumber>WF-000032</WorkflowNumber>
      <WorkflowStatus>In Progress</WorkflowStatus>
    </Workflow>
  </SearchResults>
</WorkflowSearch>
```

```

    <WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
  </Workflow>
  <Workflow WorkflowId="271341877549072389">
    <Assignees>
      <Assignee>
        <OrganizationId>1879048492</OrganizationId>
        <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
        <Name>Mr Patrick O'Leary</Name>
        <UserId>1879049107</UserId>
      </Assignee>
    </Assignees>
    <Comments></Comments>
    <DateCompleted></DateCompleted>
    <DateDue>2021-07-20T00:48:42.123Z</DateDue>
    <DateIn>2021-07-19T00:48:42.197Z</DateIn>
    <DaysLate>2</DaysLate>
    <DocumentNumber>05-034_A700-1</DocumentNumber>
    <DocumentRevision>57</DocumentRevision>
    <DocumentTitle>the whole world isnt intellij</DocumentTitle>
    <DocumentTrackingId>1879052680</DocumentTrackingId>
    <DocumentVersion>13</DocumentVersion>
    <Duration>1.0</Duration>
    <FileName>N05-034_A700-3.pdf</FileName>
    <FileSize>420387</FileSize>
    <Initiator>
      <OrganizationId>1879048492</OrganizationId>
      <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
      <Name>Mr Patrick O'Leary</Name>
      <UserId>1879049107</UserId>
    </Initiator>
    <OriginalDueDate>2021-07-20T00:48:42.123Z</OriginalDueDate>
    <ReasonForIssue>Issued for Approval</ReasonForIssue>
    <RelatedSupplierDocumentPackage>test-syd</RelatedSupplierDocumentPackage>
    <StepName>STEP 1</StepName>
    <StepOutcome>Pending Action</StepOutcome>
    <StepStatus>Overdue</StepStatus>
    <WorkflowName>patrick-only-internal</WorkflowName>
    <WorkflowNumber>WF-000033</WorkflowNumber>
    <WorkflowStatus>In Progress</WorkflowStatus>
    <WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
  </Workflow>
</SearchResults>
</WorkflowSearch>

```

## Error Codes Specific to the Service

Status Code	Description	HTTP Status Code
INVALID_PARAMETER_VALUE	If a value for a provided parameter is not valid in anyway or unexpected	400
USER_NOT_ON_PROJECT	If the authorizing user is not on the given project	401

## Prerequisites

### Required Permissions

### Constraints

The request will fail if the specified project is in any of the following states:

- De-activated
- Disconnected

The request will also fail if the authorizing user does not have access to the specified project.

## Related APIs

- Search Workflows Of Project
- Search Workflows Initiated By User's Organization
- Search Workflows Assigned to User's Organization
- Search Workflows Not Assigned to User's Organization
- Search Workflows By Status
- Search Workflows By Status And Initiated By User's Organization
- Search Workflows By Status And Not Initiated By User's Organization
- Search Workflows By Status And Assigned To User's Organization
- Search Workflows By Status And Not Assigned To User's Organization

## Search Workflows Assigned to User's Organization

### Search Workflows Assigned to User's Organization

The service retrieves a set of workflows belonging to the given project where the requesting user's organization is an assignee.

#### Specifying updated\_before

The service allows you to provide a date time specifying the earliest modification to be included in the returned results. That is, only workflows that have changed at or prior to this time will be included in the response.

#### Specifying updated\_after

The service allows you to provide a date time specifying the latest modification to be included in the returned results. That is, only workflows that have changed at or after this time will be included in the response.

#### Specifying page\_number and page\_size

The service allows you to request back a specific page from a large number of results by specifying page\_number and page\_size.

#### URL structure

```
HTTP GET: https://{hostname}/api/projects/{project_id}/workflows/assigned-to/us?{parameters}
```

#### Parameters

Parameters	Type	Cardinality	Notes
project_id	Integer	1	The ID fo the project whose workflows will be returned.
page_size	Integer	0..1	Must be at minimum (and a multiple of) 25. The default value is 25.
page_number	Integer	0..1	Must be greater than 0. The default value is 1.
updated_before	DateTime	0..1	A RFC3339 date time.
updated_after	DateTime	0..1	An RFC3339 date time.

#### Interface

##### Request Fields

Not Applicable. HTTP GET operations have no request body.

##### Sample request

```
https://au1.aconex.com/api/projects/1879048400/workflows/assigned-to/us?updated_after=2020-07-01T03%3A00%3A00Z&updated_before=2021-07-30T03%3A00%3A00Z&page_size=25&page_number=1
```

The search query in the example above returns workflows of project 1879048400 which were assigned to the requesting user's organization and were last updated between 2020-07-01T03:00:00Z and 2021-07-30T03:00:00Z. Note the use of URL escape codes in the sample request.

##### Response Fields

Cardinality refers to the number of repetitions a field can have. A cardinality that allows zero (0) means the field is optional, and may not appear in the response.

The number of \*'s indicate the parent-child depth.

Element	Type	Cardinality	Notes
WorkflowSearch	Group	1	
TotalResults	Attribute Integer	1	The number of workflows that match the searching criteria.
TotalResultsOnPage	Attribute Integer	1	The number of results on the current page.
TotalPages	Attribute Integer	1	The total number of pages available.

PageSize	Attribute Integer	1	The page size for the search conducted which will match the page_size parameter provided.
CurrentPage	Attribute Integer	1	The page the results are on. This should match the page_number parameter provided.
* SearchResults	Group	1	
** Workflow	Group	0..n	
** WorkflowId	Attribute Long(64 bit)	1	
*** Assignees	Group	1	The users to whom this workflow has been assigned.
**** Assignee	Group	1..n	
***** OrganizationId	Long(64 bit)	1	
***** OrganizationName	String	1	
***** Name	String	1	
***** UserId	Long(64 bit)	1	
*** Comments	String	1	
*** Reviewer	Group	0..1	One of the assignees who completed this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
*** DateCompleted	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DateDue	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DateIn	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DaysLate	Integer	1	
*** DocumentNumber	String	1	
*** DocumentRevision	String	1	
*** DocumentTitle	String	1	
*** DocumentTrackingId	Long(64 bit)	1	The tracking id for a document is a unique identifier for all version of a specific document. When a document is first registered into Aconex, a unique identifier is generated and this value is used assigned to all document revisions of that document. One can use this tracking identifier to create a chain of documents.
*** DocumentVersion	Long(64 bit)	1	The version number of a document provides information relating to the sequence in which the document was registered within the chain of revisions. For all documents with the same Tracking Id, the version number will be an integer value starting from 1. e.g. When a document is newly registered into Aconex, its version number will be 1. When it is superseded, a new document with a version number of 2 will be created.
*** Duration	Float	1	In days.
*** FileName	String	1	
*** FileSize	Long(64 bit)	1	In bytes.
*** Initiator	Group	1	The user who initiated this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
OriginalDueDate	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
ParentWorkflowId	Long(64 bit)	0..1	This field is only applicable to sub-workflows initiated inside the Workflows module.
ReasonForIssue	String	1	
RelatedSupplierDocumentPackage	String	0..1	This field contains the package number of related supplier document package if any.
StepName	String	1	
StepOutcome	String	1	

StepStatus	String	1	One of : Completed Current Forecast Overdue Skipped Terminated
WorkflowName	String	1	
WorkflowNumber	String	1	
WorkflowStatus	String	1	One of : Completed In Progress Terminated
WorkflowTemplate	String	1	

### Sample response

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<WorkflowSearch TotalResultsOnPage="3" TotalResults="3" TotalPages="1" PageSize="25" CurrentPage="1">
  <SearchResults>
    <Workflow WorkflowId="271341877549072385">
      <Assignees>
        <Assignee>
          <OrganizationId>1879048492</OrganizationId>
          <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
          <Name>Mr Patrick O'Leary</Name>
          <UserId>1879049107</UserId>
        </Assignee>
      </Assignees>
      <Comments></Comments>
      <DateCompleted></DateCompleted>
      <DateDue>2021-07-19T00:21:01.423Z</DateDue>
      <DateIn>2021-07-16T00:21:01.597Z</DateIn>
      <DaysLate>3</DaysLate>
      <DocumentNumber>A-1001</DocumentNumber>
      <DocumentRevision>C</DocumentRevision>
      <DocumentTitle>SITE PLAN</DocumentTitle>
      <DocumentTrackingId>1879050652</DocumentTrackingId>
      <DocumentVersion>17</DocumentVersion>
      <Duration>1.0</Duration>
      <FileName>A-1001-A.pdf</FileName>
      <FileSize>208412</FileSize>
      <Initiator>
        <OrganizationId>1879048492</OrganizationId>
        <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
        <Name>Mr Patrick O'Leary</Name>
        <UserId>1879049107</UserId>
      </Initiator>
      <OriginalDueDate>2021-07-19T00:21:01.423Z</OriginalDueDate>
      <ParentWorkflowId>1879050805</ParentWorkflowId>
      <ReasonForIssue>Issued for Information</ReasonForIssue>
      <StepName>STEP 1</StepName>
      <StepOutcome>Pending Action</StepOutcome>
      <StepStatus>Overdue</StepStatus>
      <WorkflowName>patrick-only-internal</WorkflowName>
      <WorkflowNumber>WF-000031</WorkflowNumber>
      <WorkflowStatus>In Progress</WorkflowStatus>
      <WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
    </Workflow>
    <Workflow WorkflowId="271341877549072386">
      <Assignees>
        <Assignee>
          <OrganizationId>1879048492</OrganizationId>
          <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
          <Name>Mr Patrick O'Leary</Name>
          <UserId>1879049107</UserId>
        </Assignee>
      </Assignees>
      <Comments></Comments>
      <DateCompleted></DateCompleted>
      <DateDue>2021-07-19T00:23:03.837Z</DateDue>
      <DateIn>2021-07-16T00:23:03.947Z</DateIn>
      <DaysLate>3</DaysLate>
      <DocumentNumber>SKT-000002</DocumentNumber>
      <DocumentRevision>b</DocumentRevision>
      <DocumentTitle>supplierdoc</DocumentTitle>
      <DocumentTrackingId>1879054118</DocumentTrackingId>
      <DocumentVersion>4</DocumentVersion>
      <Duration>1.0</Duration>
      <FileName>leaves1.jpg</FileName>
```

```

<FileSize>374921</FileSize>
<Initiator>
  <OrganizationId>1879048492</OrganizationId>
  <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
  <Name>Mr Patrick O'Leary</Name>
  <UserId>1879049107</UserId>
</Initiator>
<OriginalDueDate>2021-07-19T00:23:03.837Z</OriginalDueDate>
<ReasonForIssue>Issued for Information</ReasonForIssue>
<RelatedSupplierDocumentPackage>Poleary as EPCM</RelatedSupplierDocumentPackage>
<StepName>STEP 1</StepName>
<StepOutcome>Pending Action</StepOutcome>
<StepStatus>Overdue</StepStatus>
<WorkflowName>patrick-only-internal</WorkflowName>
<WorkflowNumber>WF-000032</WorkflowNumber>
<WorkflowStatus>In Progress</WorkflowStatus>
<WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
<Workflow WorkflowId="271341877549072389">
  <Assignees>
    <Assignee>
      <OrganizationId>1879048492</OrganizationId>
      <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
      <Name>Mr Patrick O'Leary</Name>
      <UserId>1879049107</UserId>
    </Assignee>
  </Assignees>
  <Comments></Comments>
  <DateCompleted></DateCompleted>
  <DateDue>2021-07-20T00:48:42.123Z</DateDue>
  <DateIn>2021-07-19T00:48:42.197Z</DateIn>
  <DaysLate>2</DaysLate>
  <DocumentNumber>05-034_A700-1</DocumentNumber>
  <DocumentRevision>57</DocumentRevision>
  <DocumentTitle>the whole world isnt intellij</DocumentTitle>
  <DocumentTrackingId>1879052680</DocumentTrackingId>
  <DocumentVersion>13</DocumentVersion>
  <Duration>1.0</Duration>
  <FileName>N05-034_A700-3.pdf</FileName>
  <FileSize>420387</FileSize>
  <Initiator>
    <OrganizationId>1879048492</OrganizationId>
    <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
    <Name>Mr Patrick O'Leary</Name>
    <UserId>1879049107</UserId>
  </Initiator>
  <OriginalDueDate>2021-07-20T00:48:42.123Z</OriginalDueDate>
  <ReasonForIssue>Issued for Approval</ReasonForIssue>
  <RelatedSupplierDocumentPackage>test-syd</RelatedSupplierDocumentPackage>
  <StepName>STEP 1</StepName>
  <StepOutcome>Pending Action</StepOutcome>
  <StepStatus>Overdue</StepStatus>
  <WorkflowName>patrick-only-internal</WorkflowName>
  <WorkflowNumber>WF-000033</WorkflowNumber>
  <WorkflowStatus>In Progress</WorkflowStatus>
  <WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
</SearchResults>
</WorkflowSearch>

```

## Error Codes Specific to the Service

Status Code	Description	HTTP Status Code
INVALID_PARAMETER_VALUE	If a value for a provided parameter is not valid in anyway or unexpected	400
USER_NOT_ON_PROJECT	If the authorizing user is not on the given project	401

## Prerequisites

### Required Permissions

### Constraints

The request will fail if the specified project is in any of the following states:

- De-activated
- Disconnected

The request will also fail if the authorizing user does not have access to the specified project.

## Related APIs

- Search Workflows Of Project
- Search Workflows Initiated By User's Organization
- Search Workflows Not Initiated By User's Organization
- Search Workflows Not Assigned to User's Organization
- Search Workflows By Status
- Search Workflows By Status And Initiated By User's Organization
- Search Workflows By Status And Not Initiated By User's Organization
- Search Workflows By Status And Assigned To User's Organization
- Search Workflows By Status And Not Assigned To User's Organization

---

## Search Workflows Not Assigned to User's Organization

### Search Workflows Not Assigned to User's Organization

The service retrieves a set of workflows belonging to the given project where the requesting user's organization is not an assignee.

#### Specifying updated\_before

The service allows you to provide a date time specifying the earliest modification to be included in the returned results. That is, only workflows that have changed at or prior to this time will be included in the response.

#### Specifying updated\_after

The service allows you to provide a date time specifying the latest modification to be included in the returned results. That is, only workflows that have changed at or after this time will be included in the response.

#### Specifying page\_number and page\_size

The service allows you to request back a specific page from a large number of results by specifying page\_number and page\_size.

## URL structure

```
HTTP GET: https://{hostname}/api/projects/{project_id}/workflows/assigned-to/others?{parameters}
```

## Parameters

Parameters	Type	Cardinality	Notes
project_id	Integer	1	The ID fo the project whose workflows will be returned.
page_size	Integer	0..1	Must be at minimum (and a multiple of) 25. The default value is 25.
page_number	Integer	0..1	Must be greater than 0. The default value is 1.
updated_before	DateTime	0..1	A RFC3339 date time.
updated_after	DateTime	0..1	An RFC3339 date time.

## Interface

### Request Fields

Not Applicable. HTTP GET operations have no request body.

### Sample request

```
https://a1.aconex.com/api/projects/1879048400/workflows/assigned-to/others?updated_after=2020-07-01T03%3A00%3A00Z&updated_before=2021-07-30T03%3A00%3A00Z&page_size=25&page_number=1
```

The search query in the example above returns workflows of project 1879048400 which were not assigned to the requesting user's organization and were last updated between 2020-07-01T03:00:00Z and 2021-07-30T03:00:00Z. Note the use of URL escape codes in the sample request.

---

## Response Fields

Cardinality refers to the number of repetitions a field can have. A cardinality that allows zero (0) means the field is optional, and may not appear in the response.

The number of \*'s indicate the parent-child depth.

Element	Type	Cardinality	Notes
WorkflowSearch	Group	1	
TotalResults	Attribute Integer	1	The number of workflows that match the searching criteria.
TotalResultsOnPage	Attribute Integer	1	The number of results on the current page.
TotalPages	Attribute Integer	1	The total number of pages available.
PageSize	Attribute Integer	1	The page size for the search conducted which will match the page_size parameter provided.
CurrentPage	Attribute Integer	1	The page the results are on. This should match the page_number parameter provided.
* SearchResults	Group	1	
** Workflow	Group	0..n	
** WorkflowId	Attribute Long(64 bit)	1	
*** Assignees	Group	1	The users to whom this workflow has been assigned.
**** Assignee	Group	1..n	
***** OrganizationId	Long(64 bit)	1	
***** OrganizationName	String	1	
***** Name	String	1	
***** UserId	Long(64 bit)	1	
*** Comments	String	1	
*** Reviewer	Group	0..1	One of the assignees who completed this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
*** DateCompleted	String	1	UTC format yyyy-MM-ddT'hh:mm:ss.SSS'Z'
*** DateDue	String	1	UTC format yyyy-MM-ddT'hh:mm:ss.SSS'Z'
*** DateIn	String	1	UTC format yyyy-MM-ddT'hh:mm:ss.SSS'Z'
*** DaysLate	Integer	1	
*** DocumentNumber	String	1	
*** DocumentRevision	String	1	
*** DocumentTitle	String	1	
*** DocumentTrackingId	Long(64 bit)	1	The tracking id for a document is a unique identifier for all version of a specific document. When a document is first registered into Aconex, a unique identifier is generated and this value is used assigned to all document revisions of that document. One can use this tracking identifier to create a chain of documents.
*** DocumentVersion	Long(64 bit)	1	The version number of a document provides information relating to the sequence in which the document was registered within the chain of revisions. For all documents with the same Tracking Id, the version number will be an integer value starting from 1. e.g. When a document is newly registered into Aconex, its version number will be 1. When it is superseded, a new document with a version number of 2 will be created.
*** Duration	Float	1	In days.
*** FileName	String	1	
*** FileSize	Long(64 bit)	1	In bytes.
*** Initiator	Group	1	The user who initiated this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	

**** UserId	Long(64 bit)	1	
OriginalDueDate	String	1	UTC format yyyy-MM-ddT'hh:mm:ss.SSS'Z'
ParentWorkflowId	Long(64 bit)	0..1	This field is only applicable to sub-workflows initiated inside the Workflows module.
ReasonForIssue	String	1	
RelatedSupplierDocumentPackage	String	0..1	This field contains the package number of related supplier document package if any.
StepName	String	1	
StepOutcome	String	1	
StepStatus	String	1	One of : Completed Current Forecast Overdue Skipped Terminated
WorkflowName	String	1	
WorkflowNumber	String	1	
WorkflowStatus	String	1	One of : Completed In Progress Terminated
WorkflowTemplate	String	1	

### Sample response

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<WorkflowSearch TotalResultsOnPage="3" TotalResults="3" TotalPages="1" PageSize="25" CurrentPage="1">
  <SearchResults>
    <Workflow WorkflowId="271341877549072385">
      <Assignees>
        <Assignee>
          <OrganizationId>1879048492</OrganizationId>
          <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
          <Name>Mr Patrick O'Leary</Name>
          <UserId>1879049107</UserId>
        </Assignee>
      </Assignees>
      <Comments></Comments>
      <DateCompleted></DateCompleted>
      <DateDue>2021-07-19T00:21:01.423Z</DateDue>
      <DateIn>2021-07-16T00:21:01.597Z</DateIn>
      <DaysLate>3</DaysLate>
      <DocumentNumber>A-1001</DocumentNumber>
      <DocumentRevision>C</DocumentRevision>
      <DocumentTitle>SITE PLAN</DocumentTitle>
      <DocumentTrackingId>1879050652</DocumentTrackingId>
      <DocumentVersion>17</DocumentVersion>
      <Duration>1.0</Duration>
      <FileName>A-1001-A.pdf</FileName>
      <FileSize>208412</FileSize>
      <Initiator>
        <OrganizationId>1879048492</OrganizationId>
        <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
        <Name>Mr Patrick O'Leary</Name>
        <UserId>1879049107</UserId>
      </Initiator>
      <OriginalDueDate>2021-07-19T00:21:01.423Z</OriginalDueDate>
      <ParentWorkflowId>1879050805</ParentWorkflowId>
      <ReasonForIssue>Issued for Information</ReasonForIssue>
      <StepName>STEP 1</StepName>
      <StepOutcome>Pending Action</StepOutcome>
      <StepStatus>Overdue</StepStatus>
      <WorkflowName>patrick-only-internal</WorkflowName>
      <WorkflowNumber>WF-000031</WorkflowNumber>
      <WorkflowStatus>In Progress</WorkflowStatus>
      <WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
    </Workflow>
    <Workflow WorkflowId="271341877549072386">
      <Assignees>
        <Assignee>
          <OrganizationId>1879048492</OrganizationId>
          <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
          <Name>Mr Patrick O'Leary</Name>
          <UserId>1879049107</UserId>
        </Assignee>
      </Assignees>
    </Workflow>
  </SearchResults>
</WorkflowSearch>
```

```

    </Assignee>
  </Assignees>
  <Comments></Comments>
  <DateCompleted></DateCompleted>
  <DateDue>2021-07-19T00:23:03.837Z</DateDue>
  <DateIn>2021-07-16T00:23:03.947Z</DateIn>
  <DaysLate>3</DaysLate>
  <DocumentNumber>SKT-000002</DocumentNumber>
  <DocumentRevision>b</DocumentRevision>
  <DocumentTitle>supplierdoc</DocumentTitle>
  <DocumentTrackingId>1879054118</DocumentTrackingId>
  <DocumentVersion>4</DocumentVersion>
  <Duration>1.0</Duration>
  <FileName>leaves1.jpg</FileName>
  <FileSize>374921</FileSize>
  <Initiator>
    <OrganizationId>1879048492</OrganizationId>
    <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
    <Name>Mr Patrick O'Leary</Name>
    <UserId>1879049107</UserId>
  </Initiator>
  <OriginalDueDate>2021-07-19T00:23:03.837Z</OriginalDueDate>
  <ReasonForIssue>Issued for Information</ReasonForIssue>
  <RelatedSupplierDocumentPackage>Poleary as EPCM</RelatedSupplierDocumentPackage>
  <StepName>STEP 1</StepName>
  <StepOutcome>Pending Action</StepOutcome>
  <StepStatus>Overdue</StepStatus>
  <WorkflowName>patrick-only-internal</WorkflowName>
  <WorkflowNumber>WF-000032</WorkflowNumber>
  <WorkflowStatus>In Progress</WorkflowStatus>
  <WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
<Workflow WorkflowId="271341877549072389">
  <Assignees>
    <Assignee>
      <OrganizationId>1879048492</OrganizationId>
      <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
      <Name>Mr Patrick O'Leary</Name>
      <UserId>1879049107</UserId>
    </Assignee>
  </Assignees>
  <Comments></Comments>
  <DateCompleted></DateCompleted>
  <DateDue>2021-07-20T00:48:42.123Z</DateDue>
  <DateIn>2021-07-19T00:48:42.197Z</DateIn>
  <DaysLate>2</DaysLate>
  <DocumentNumber>05-034_A700-1</DocumentNumber>
  <DocumentRevision>57</DocumentRevision>
  <DocumentTitle>the whole world isnt intellij</DocumentTitle>
  <DocumentTrackingId>1879052680</DocumentTrackingId>
  <DocumentVersion>13</DocumentVersion>
  <Duration>1.0</Duration>
  <FileName>N05-034_A700-3.pdf</FileName>
  <FileSize>420387</FileSize>
  <Initiator>
    <OrganizationId>1879048492</OrganizationId>
    <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
    <Name>Mr Patrick O'Leary</Name>
    <UserId>1879049107</UserId>
  </Initiator>
  <OriginalDueDate>2021-07-20T00:48:42.123Z</OriginalDueDate>
  <ReasonForIssue>Issued for Approval</ReasonForIssue>
  <RelatedSupplierDocumentPackage>test-syd</RelatedSupplierDocumentPackage>
  <StepName>STEP 1</StepName>
  <StepOutcome>Pending Action</StepOutcome>
  <StepStatus>Overdue</StepStatus>
  <WorkflowName>patrick-only-internal</WorkflowName>
  <WorkflowNumber>WF-000033</WorkflowNumber>
  <WorkflowStatus>In Progress</WorkflowStatus>
  <WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
</SearchResults>
</WorkflowSearch>

```

### Error Codes Specific to the Service

Status Code	Description	HTTP Status Code
INVALID_PARAMETER_VALUE	If a value for a provided parameter is not valid in anyway or unexpected	400
USER_NOT_ON_PROJECT	If the authorizing user is not on the given project	401

## Prerequisites

### Required Permissions

### Constraints

The request will fail if the specified project is in any of the following states:

- De-activated
- Disconnected

The request will also fail if the authorizing user does not have access to the specified project.

### Related APIs

- Search Workflows Of Project
- Search Workflows Initiated By User's Organization
- Search Workflows Not Initiated By User's Organization
- Search Workflows Assigned to User's Organization
- Search Workflows By Status
- Search Workflows By Status And Initiated By User's Organization
- Search Workflows By Status And Not Initiated By User's Organization
- Search Workflows By Status And Assigned To User's Organization
- Search Workflows By Status And Not Assigned To User's Organization

---

## Search Workflows By Status

### Search Workflows By Status

The service retrieves a set of workflows belonging to the given project with the given status.

#### Specifying updated\_before

The service allows you to provide a date time specifying the earliest modification to be included in the returned results. That is, only workflows that have changed at or prior to this time will be included in the response.

#### Specifying updated\_after

The service allows you to provide a date time specifying the latest modification to be included in the returned results. That is, only workflows that have changed at or after this time will be included in the response.

#### Specifying page\_number and page\_size

The service allows you to request back a specific page from a large number of results by specifying page\_number and page\_size.

### URL structure

```
HTTP GET: https://{hostname}/api/projects/{project_id}/workflows/{status}?{parameters}
```

### Parameters

Parameters	Type	Cardinality	Notes
project_id	Integer	1	The ID fo the project whose workflows will be returned.
status	String	1	One of : forecast current complete skipped terminated
page_size	Integer	0..1	Must be at minimum (and a multiple of) 25. The default value is 25.
page_number	Integer	0..1	Must be greater than 0. The default value is 1.
updated_before	DateTime	0..1	A RFC3339 date time.
updated_after	DateTime	0..1	An RFC3339 date time.

### Interface

## Request Fields

Not Applicable. HTTP GET operations have no request body.

## Sample request

```
https://a1.aconex.com/api/projects/1879048400/workflows/current?updated_after=2020-07-01T03%3A00%3A00Z&updated_before=2021-07-30T03%3A00%3A00Z&page_size=25&page_number=1
```

The search query in the example above returns workflows of project 1879048400 which were last updated between 2020-07-01T03:00:00Z and 2021-07-30T03:00:00Z and are still in progress. Note the use of URL escape codes in the sample request.

## Response Fields

Cardinality refers to the number of repetitions a field can have. A cardinality that allows zero (0) means the field is optional, and may not appear in the response.

The number of \*'s indicate the parent-child depth.

Element	Type	Cardinality	Notes
WorkflowSearch	Group	1	
TotalResults	Attribute Integer	1	The number of workflows that match the searching criteria.
TotalResultsOnPage	Attribute Integer	1	The number of results on the current page.
TotalPages	Attribute Integer	1	The total number of pages available.
PageSize	Attribute Integer	1	The page size for the search conducted which will match the page_size parameter provided.
CurrentPage	Attribute Integer	1	The page the results are on. This should match the page_number parameter provided.
* SearchResults	Group	1	
** Workflow	Group	0..n	
** WorkflowId	Attribute Long(64 bit)	1	
*** Assignees	Group	1	The users to whom this workflow has been assigned.
**** Assignee	Group	1..n	
***** OrganizationId	Long(64 bit)	1	
***** OrganizationName	String	1	
***** Name	String	1	
***** UserId	Long(64 bit)	1	
*** Comments	String	1	
*** Reviewer	Group	0..1	One of the assignees who completed this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
*** DateCompleted	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DateDue	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DateIn	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DaysLate	Integer	1	
*** DocumentNumber	String	1	
*** DocumentRevision	String	1	
*** DocumentTitle	String	1	

*** DocumentTrackingId	Long(64 bit)	1	The tracking id for a document is a unique identifier for all version of a specific document. When a document is first registered into Aconex, a unique identifier is generated and this value is used assigned to all document revisions of that document. One can use this tracking identifier to create a chain of documents.
*** DocumentVersion	Long(64 bit)	1	The version number of a document provides information relating to the sequence in which the document was registered within the chain of revisions. For all documents with the same Tracking Id, the version number will be an integer value starting from 1. e.g. When a document is newly registered into Aconex, its version number will be 1. When it is superseded, a new document with a version number of 2 will be created.
*** Duration	Float	1	In days.
*** FileName	String	1	
*** FileSize	Long(64 bit)	1	In bytes.
*** Initiator	Group	1	The user who initiated this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
OriginalDueDate	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
ParentWorkflowId	Long(64 bit)	0..1	This field is only applicable to sub-workflows initiated inside the Workflows module.
ReasonForIssue	String	1	
RelatedSupplierDocumentPackage	String	0..1	This field contains the package number of related supplier document package if any.
StepName	String	1	
StepOutcome	String	1	
StepStatus	String	1	One of : Completed Current Forecast Overdue Skipped Terminated
WorkflowName	String	1	
WorkflowNumber	String	1	
WorkflowStatus	String	1	One of : Completed In Progress Terminated
WorkflowTemplate	String	1	

### Sample response

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<WorkflowSearch TotalResultsOnPage="3" TotalResults="3" TotalPages="1" PageSize="25" CurrentPage="1">
  <SearchResults>
    <Workflow WorkflowId="271341877549072385">
      <Assignees>
        <Assignee>
          <OrganizationId>1879048492</OrganizationId>
          <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
          <Name>Mr Patrick O'Leary</Name>
          <UserId>1879049107</UserId>
        </Assignee>
      </Assignees>
      <Comments></Comments>
      <DateCompleted></DateCompleted>
      <DateDue>2021-07-19T00:21:01.423Z</DateDue>
      <DateIn>2021-07-16T00:21:01.597Z</DateIn>
      <DaysLate>3</DaysLate>
      <DocumentNumber>A-1001</DocumentNumber>
      <DocumentRevision>C</DocumentRevision>
      <DocumentTitle>SITE PLAN</DocumentTitle>
      <DocumentTrackingId>1879050652</DocumentTrackingId>
      <DocumentVersion>17</DocumentVersion>
      <Duration>1.0</Duration>
      <FileName>A-1001-A.pdf</FileName>
      <FileSize>208412</FileSize>
      <Initiator>
```

```
<OrganizationId>1879048492</OrganizationId>
<OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
<Name>Mr Patrick O'Leary</Name>
<UserId>1879049107</UserId>
</Initiator>
<OriginalDueDate>2021-07-19T00:21:01.423Z</OriginalDueDate>
<ParentWorkflowId>1879050805</ParentWorkflowId>
<ReasonForIssue>Issued for Information</ReasonForIssue>
<StepName>STEP 1</StepName>
<StepOutcome>Pending Action</StepOutcome>
<StepStatus>Overdue</StepStatus>
<WorkflowName>patrick-only-internal</WorkflowName>
<WorkflowNumber>WF-000031</WorkflowNumber>
<WorkflowStatus>In Progress</WorkflowStatus>
<WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
<Workflow WorkflowId="271341877549072386">
  <Assignees>
    <Assignee>
      <OrganizationId>1879048492</OrganizationId>
      <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
      <Name>Mr Patrick O'Leary</Name>
      <UserId>1879049107</UserId>
    </Assignee>
  </Assignees>
  <Comments></Comments>
  <DateCompleted></DateCompleted>
  <DateDue>2021-07-19T00:23:03.837Z</DateDue>
  <DateIn>2021-07-16T00:23:03.947Z</DateIn>
  <DaysLate>3</DaysLate>
  <DocumentNumber>SKT-000002</DocumentNumber>
  <DocumentRevision>b</DocumentRevision>
  <DocumentTitle>supplierdoc</DocumentTitle>
  <DocumentTrackingId>1879054118</DocumentTrackingId>
  <DocumentVersion>4</DocumentVersion>
  <Duration>1.0</Duration>
  <FileName>leaves1.jpg</FileName>
  <FileSize>374921</FileSize>
  <Initiator>
    <OrganizationId>1879048492</OrganizationId>
    <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
    <Name>Mr Patrick O'Leary</Name>
    <UserId>1879049107</UserId>
  </Initiator>
  <OriginalDueDate>2021-07-19T00:23:03.837Z</OriginalDueDate>
  <ReasonForIssue>Issued for Information</ReasonForIssue>
  <RelatedSupplierDocumentPackage>Poleary as EPCM</RelatedSupplierDocumentPackage>
  <StepName>STEP 1</StepName>
  <StepOutcome>Pending Action</StepOutcome>
  <StepStatus>Overdue</StepStatus>
  <WorkflowName>patrick-only-internal</WorkflowName>
  <WorkflowNumber>WF-000032</WorkflowNumber>
  <WorkflowStatus>In Progress</WorkflowStatus>
  <WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
<Workflow WorkflowId="271341877549072389">
  <Assignees>
    <Assignee>
      <OrganizationId>1879048492</OrganizationId>
      <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
      <Name>Mr Patrick O'Leary</Name>
      <UserId>1879049107</UserId>
    </Assignee>
  </Assignees>
  <Comments></Comments>
  <DateCompleted></DateCompleted>
  <DateDue>2021-07-20T00:48:42.123Z</DateDue>
  <DateIn>2021-07-19T00:48:42.197Z</DateIn>
  <DaysLate>2</DaysLate>
  <DocumentNumber>05-034_A700-1</DocumentNumber>
  <DocumentRevision>57</DocumentRevision>
  <DocumentTitle>the whole world isnt intellij</DocumentTitle>
  <DocumentTrackingId>1879052680</DocumentTrackingId>
  <DocumentVersion>13</DocumentVersion>
  <Duration>1.0</Duration>
  <FileName>N05-034_A700-3.pdf</FileName>
  <FileSize>420387</FileSize>
  <Initiator>
    <OrganizationId>1879048492</OrganizationId>
    <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
    <Name>Mr Patrick O'Leary</Name>
    <UserId>1879049107</UserId>
  </Initiator>
  <OriginalDueDate>2021-07-20T00:48:42.123Z</OriginalDueDate>
```

```

    <ReasonForIssue>Issued for Approval</ReasonForIssue>
    <RelatedSupplierDocumentPackage>test-syd</RelatedSupplierDocumentPackage>
    <StepName>STEP 1</StepName>
    <StepOutcome>Pending Action</StepOutcome>
    <StepStatus>Overdue</StepStatus>
    <WorkflowName>patrick-only-internal</WorkflowName>
    <WorkflowNumber>WF-000033</WorkflowNumber>
    <WorkflowStatus>In Progress</WorkflowStatus>
    <WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
  </Workflow>
</SearchResults>
</WorkflowSearch>

```

## Error Codes Specific to the Service

Status Code	Description	HTTP Status Code
INVALID_PARAMETER_VALUE	If a value for a provided parameter is not valid in anyway or unexpected	400
USER_NOT_ON_PROJECT	If the authorizing user is not on the given project	401

## Prerequisites

### Required Permissions

### Constraints

The request will fail if the specified project is in any of the following states:

- De-activated
- Disconnected

The request will also fail if the authorizing user does not have access to the specified project.

## Related APIs

- Search Workflows Of Project
- Search Workflows Initiated By User's Organization
- Search Workflows Not Initiated By User's Organization
- Search Workflows Assigned to User's Organization
- Search Workflows Not Assigned to User's Organization
- Search Workflows By Status And Initiated By User's Organization
- Search Workflows By Status And Not Initiated By User's Organization
- Search Workflows By Status And Assigned To User's Organization
- Search Workflows By Status And Not Assigned To User's Organization

---

## Search Workflows By Status And Initiated By User's Organization

### Search Workflows By Status And Initiated By User's Organization

The service retrieves a set of workflows belonging to the given project with the given status and initiated by the requesting user's organization.

#### Specifying updated\_before

The service allows you to provide a date time specifying the earliest modification to be included in the returned results. That is, only workflows that have changed at or prior to this time will be included in the response.

#### Specifying updated\_after

The service allows you to provide a date time specifying the latest modification to be included in the returned results. That is, only workflows that have changed at or after this time will be included in the response.

#### Specifying page\_number and page\_size

The service allows you to request back a specific page from a large number of results by specifying page\_number and page\_size.

## URL structure

```
HTTP GET: https://{hostname}/api/projects/{project_id}/workflows/{status}/initiated-by/us?{parameters}
```

## Parameters

Parameters	Type	Cardinality	Notes
project_id	Integer	1	The ID fo the project whose workflows will be returned.
status	String	1	One of : forecast current complete skipped terminated
page_size	Integer	0..1	Must be at minimum (and a multiple of) 25. The default value is 25.
page_number	Integer	0..1	Must be greater than 0. The default value is 1.
updated_before	DateTime	0..1	A RFC3339 date time.
updated_after	DateTime	0..1	An RFC3339 date time.

## Interface

### Request Fields

Not Applicable. HTTP GET operations have no request body.

### Sample request

```
https://aui1.aconex.com/api/projects/1879048400/workflows/current/initiated-by/us?updated_after=2020-07-01T03%3A00%3A00Z&updated_before=2021-07-30T03%3A00%3A00Z&page_size=25&page_number=1
```

The search query in the example above returns workflows of project 1879048400 which were initiated by the requesting user's *organization*, last updated between 2020-07-01T03:00:00Z and 2021-07-30T03:00:00Z and are still in progress. Note the use of URL escape codes in the sample request.

### Response Fields

Cardinality refers to the number of repetitions a field can have. A cardinality that allows zero (0) means the field is optional, and may not appear in the response.

The number of \*'s indicate the parent-child depth.

Element	Type	Cardinality	Notes
WorkflowSearch	Group	1	
TotalResults	Attribute Integer	1	The number of workflows that match the searching criteria.
TotalResultsOnPage	Attribute Integer	1	The number of results on the current page.
TotalPages	Attribute Integer	1	The total number of pages available.
PageSize	Attribute Integer	1	The page size for the search conducted which will match the page_size parameter provided.
CurrentPage	Attribute Integer	1	The page the results are on. This should match the page_number parameter provided.
* SearchResults	Group	1	
** Workflow	Group	0..n	
** WorkflowId	Attribute Long(64 bit)	1	
*** Assignees	Group	1	The users to whom this workflow has been assigned.
**** Assignee	Group	1..n	
***** OrganizationId	Long(64 bit)	1	
***** OrganizationName	String	1	
***** Name	String	1	
***** UserId	Long(64 bit)	1	
*** Comments	String	1	

*** Reviewer	Group	0..1	One of the assignees who completed this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
*** DateCompleted	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DateDue	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DateIn	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DaysLate	Integer	1	
*** DocumentNumber	String	1	
*** DocumentRevision	String	1	
*** DocumentTitle	String	1	
*** DocumentTrackingId	Long(64 bit)	1	The tracking id for a document is a unique identifier for all version of a specific document. When a document is first registered into Aconex, a unique identifier is generated and this value is used assigned to all document revisions of that document. One can use this tracking identifier to create a chain of documents.
*** DocumentVersion	Long(64 bit)	1	The version number of a document provides information relating to the sequence in which the document was registered within the chain of revisions. For all documents with the same Tracking Id, the version number will be an integer value starting from 1. e.g. When a document is newly registered into Aconex, its version number will be 1. When it is superseded, a new document with a version number of 2 will be created.
*** Duration	Float	1	In days.
*** FileName	String	1	
*** FileSize	Long(64 bit)	1	In bytes.
*** Initiator	Group	1	The user who initiated this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
OriginalDueDate	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
ParentWorkflowId	Long(64 bit)	0..1	This field is only applicable to sub-workflows initiated inside the Workflows module.
ReasonForIssue	String	1	
RelatedSupplierDocumentPackage	String	0..1	This field contains the package number of related supplier document package if any.
StepName	String	1	
StepOutcome	String	1	
StepStatus	String	1	One of : Completed Current Forecast Overdue Skipped Terminated
WorkflowName	String	1	
WorkflowNumber	String	1	
WorkflowStatus	String	1	One of : Completed In Progress Terminated
WorkflowTemplate	String	1	

## Sample response

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<WorkflowSearch TotalResultsOnPage="3" TotalResults="3" TotalPages="1" PageSize="25" CurrentPage="1">
  <SearchResults>
    <Workflow WorkflowId="271341877549072385">
      <Assignees>
```

```
<Assignee>
  <OrganizationId>1879048492</OrganizationId>
  <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
  <Name>Mr Patrick O'Leary</Name>
  <UserId>1879049107</UserId>
</Assignee>
</Assignees>
<Comments></Comments>
<DateCompleted></DateCompleted>
<DateDue>2021-07-19T00:21:01.423Z</DateDue>
<DateIn>2021-07-16T00:21:01.597Z</DateIn>
<DaysLate>3</DaysLate>
<DocumentNumber>A-1001</DocumentNumber>
<DocumentRevision>C</DocumentRevision>
<DocumentTitle>SITE PLAN</DocumentTitle>
<DocumentTrackingId>1879050652</DocumentTrackingId>
<DocumentVersion>17</DocumentVersion>
<Duration>1.0</Duration>
<FileName>A-1001-A.pdf</FileName>
<FileSize>208412</FileSize>
<Initiator>
  <OrganizationId>1879048492</OrganizationId>
  <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
  <Name>Mr Patrick O'Leary</Name>
  <UserId>1879049107</UserId>
</Initiator>
<OriginalDueDate>2021-07-19T00:21:01.423Z</OriginalDueDate>
<ParentWorkflowId>1879050805</ParentWorkflowId>
<ReasonForIssue>Issued for Information</ReasonForIssue>
<StepName>STEP 1</StepName>
<StepOutcome>Pending Action</StepOutcome>
<StepStatus>Overdue</StepStatus>
<WorkflowName>patrick-only-internal</WorkflowName>
<WorkflowNumber>WF-000031</WorkflowNumber>
<WorkflowStatus>In Progress</WorkflowStatus>
<WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
<Workflow WorkflowId="271341877549072386">
  <Assignees>
    <Assignee>
      <OrganizationId>1879048492</OrganizationId>
      <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
      <Name>Mr Patrick O'Leary</Name>
      <UserId>1879049107</UserId>
    </Assignee>
  </Assignees>
  <Comments></Comments>
  <DateCompleted></DateCompleted>
  <DateDue>2021-07-19T00:23:03.837Z</DateDue>
  <DateIn>2021-07-16T00:23:03.947Z</DateIn>
  <DaysLate>3</DaysLate>
  <DocumentNumber>SKT-000002</DocumentNumber>
  <DocumentRevision>b</DocumentRevision>
  <DocumentTitle>supplierdoc</DocumentTitle>
  <DocumentTrackingId>1879054118</DocumentTrackingId>
  <DocumentVersion>4</DocumentVersion>
  <Duration>1.0</Duration>
  <FileName>leaves1.jpg</FileName>
  <FileSize>374921</FileSize>
  <Initiator>
    <OrganizationId>1879048492</OrganizationId>
    <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
    <Name>Mr Patrick O'Leary</Name>
    <UserId>1879049107</UserId>
  </Initiator>
  <OriginalDueDate>2021-07-19T00:23:03.837Z</OriginalDueDate>
  <ReasonForIssue>Issued for Information</ReasonForIssue>
  <RelatedSupplierDocumentPackage>Poleary as EPCM</RelatedSupplierDocumentPackage>
  <StepName>STEP 1</StepName>
  <StepOutcome>Pending Action</StepOutcome>
  <StepStatus>Overdue</StepStatus>
  <WorkflowName>patrick-only-internal</WorkflowName>
  <WorkflowNumber>WF-000032</WorkflowNumber>
  <WorkflowStatus>In Progress</WorkflowStatus>
  <WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
<Workflow WorkflowId="271341877549072389">
  <Assignees>
    <Assignee>
      <OrganizationId>1879048492</OrganizationId>
      <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
      <Name>Mr Patrick O'Leary</Name>
      <UserId>1879049107</UserId>
    </Assignee>
  </Assignees>
```

```

</Assignees>
<Comments></Comments>
<DateCompleted></DateCompleted>
<DateDue>2021-07-20T00:48:42.123Z</DateDue>
<DateIn>2021-07-19T00:48:42.197Z</DateIn>
<DaysLate>2</DaysLate>
<DocumentNumber>05-034_A700-1</DocumentNumber>
<DocumentRevision>57</DocumentRevision>
<DocumentTitle>the whole world isnt intellij</DocumentTitle>
<DocumentTrackingId>1879052680</DocumentTrackingId>
<DocumentVersion>13</DocumentVersion>
<Duration>1.0</Duration>
<FileName>N05-034_A700-3.pdf</FileName>
<FileSize>420387</FileSize>
<Initiator>
  <OrganizationId>1879048492</OrganizationId>
  <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
  <Name>Mr Patrick O'Leary</Name>
  <UserId>1879049107</UserId>
</Initiator>
<OriginalDueDate>2021-07-20T00:48:42.123Z</OriginalDueDate>
<ReasonForIssue>Issued for Approval</ReasonForIssue>
<RelatedSupplierDocumentPackage>test-syd</RelatedSupplierDocumentPackage>
<StepName>STEP 1</StepName>
<StepOutcome>Pending Action</StepOutcome>
<StepStatus>Overdue</StepStatus>
<WorkflowName>patrick-only-internal</WorkflowName>
<WorkflowNumber>WF-000033</WorkflowNumber>
<WorkflowStatus>In Progress</WorkflowStatus>
<WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
</SearchResults>
</WorkflowSearch>

```

## Error Codes Specific to the Service

Status Code	Description	HTTP Status Code
INVALID_PARAMETER_VALUE	If a value for a provided parameter is not valid in anyway or unexpected	400
USER_NOT_ON_PROJECT	If the authorizing user is not on the given project	401

## Prerequisites

### Required Permissions

### Constraints

The request will fail if the specified project is in any of the following states:

- De-activated
- Disconnected

The request will also fail if the authorizing user does not have access to the specified project.

## Related APIs

- Search Workflows Of Project
- Search Workflows Initiated By User's Organization
- Search Workflows Not Initiated By User's Organization
- Search Workflows Assigned to User's Organization
- Search Workflows Not Assigned to User's Organization
- Search Workflows By Status
- Search Workflows By Status And Not Initiated By User's Organization
- Search Workflows By Status And Assigned To User's Organization
- Search Workflows By Status And Not Assigned To User's Organization

## Search Workflows By Status And Not Initiated By User's Organization

### Search Workflows By Status And Not Initiated By User's Organization

The service retrieves a set of workflows belonging to the given project with the given status and initiated by organizations other than the requesting user's organization.

### Specifying updated\_before

The service allows you to provide a date time specifying the earliest modification to be included in the returned results. That is, only workflows that have changed at or prior to this time will be included in the response.

### Specifying updated\_after

The service allows you to provide a date time specifying the latest modification to be included in the returned results. That is, only workflows that have changed at or after this time will be included in the response.

### Specifying page\_number and page\_size

The service allows you to request back a specific page from a large number of results by specifying page\_number and page\_size.

### URL structure

```
HTTP GET: https://{hostname}/api/projects/{project_id}/workflows/{status}/initiated-by/others?{parameters}
```

### Parameters

Parameters	Type	Cardinality	Notes
project_id	Integer	1	The ID fo the project whose workflows will be returned.
status	String	1	One of : forecast current complete skipped terminated
page_size	Integer	0..1	Must be at minimum (and a multiple of) 25. The default value is 25.
page_number	Integer	0..1	Must be greater than 0. The default value is 1.
updated_before	DateTime	0..1	A RFC3339 date time.
updated_after	DateTime	0..1	An RFC3339 date time.

### Interface

#### Request Fields

Not Applicable. HTTP GET operations have no request body.

#### Sample request

```
https://a1.aconex.com/api/projects/1879048400/workflows/current/initiated-by/others?updated_after=2020-07-01T03%3A00%3A00Z&updated_before=2021-07-30T03%3A00%3A00Z&page_size=25&page_number=1
```

The search query in the example above returns workflows of project 1879048400 which were not initiated by the requesting user's organization, last updated between 2020-07-01T03:00:00Z and 2021-07-30T03:00:00Z and are still in progress. Note the use of URL escape codes in the sample request.

### Response Fields

Cardinality refers to the number of repetitions a field can have. A cardinality that allows zero (0) means the field is optional, and may not appear in the response.

The number of \*'s indicate the parent-child depth.

Element	Type	Cardinality	Notes
WorkflowSearch	Group	1	
TotalResults	Attribute Integer	1	The number of workflows that match the searching criteria.
TotalResultsOnPage	Attribute Integer	1	The number of results on the current page.
TotalPages	Attribute Integer	1	The total number of pages available.
PageSize	Attribute Integer	1	The page size for the search conducted which will match the page_size parameter provided.

CurrentPage	Attribute Integer	1	The page the results are on. This should match the page_number parameter provided.
* SearchResults	Group	1	
** Workflow	Group	0..n	
** WorkflowId	Attribute Long(64 bit)	1	
*** Assignees	Group	1	The users to whom this workflow has been assigned.
**** Assignee	Group	1..n	
***** OrganizationId	Long(64 bit)	1	
***** OrganizationName	String	1	
***** Name	String	1	
***** UserId	Long(64 bit)	1	
*** Comments	String	1	
*** Reviewer	Group	0..1	One of the assignees who completed this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
*** DateCompleted	String	1	UTC format yyyy-MM-ddT'hh:mm:ss.SSS'Z'
*** DateDue	String	1	UTC format yyyy-MM-ddT'hh:mm:ss.SSS'Z'
*** DateIn	String	1	UTC format yyyy-MM-ddT'hh:mm:ss.SSS'Z'
*** DaysLate	Integer	1	
*** DocumentNumber	String	1	
*** DocumentRevision	String	1	
*** DocumentTitle	String	1	
*** DocumentTrackingId	Long(64 bit)	1	The tracking id for a document is a unique identifier for all version of a specific document. When a document is first registered into Aconex, a unique identifier is generated and this value is used assigned to all document revisions of that document. One can use this tracking identifier to create a chain of documents.
*** DocumentVersion	Long(64 bit)	1	The version number of a document provides information relating to the sequence in which the document was registered within the chain of revisions. For all documents with the same Tracking Id, the version number will be an integer value starting from 1. e.g. When a document is newly registered into Aconex, its version number will be 1. When it is superseded, a new document with a version number of 2 will be created.
*** Duration	Float	1	In days.
*** FileName	String	1	
*** FileSize	Long(64 bit)	1	In bytes.
*** Initiator	Group	1	The user who initiated this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
OriginalDueDate	String	1	UTC format yyyy-MM-ddT'hh:mm:ss.SSS'Z'
ParentWorkflowId	Long(64 bit)	0..1	This field is only applicable to sub-workflows initiated inside the Workflows module.
ReasonForIssue	String	1	
RelatedSupplierDocumentPackage	String	0..1	This field contains the package number of related supplier document package if any.
StepName	String	1	
StepOutcome	String	1	

StepStatus	String	1	One of : Completed Current Forecast Overdue Skipped Terminated
WorkflowName	String	1	
WorkflowNumber	String	1	
WorkflowStatus	String	1	One of : Completed In Progress Terminated
WorkflowTemplate	String	1	

### Sample response

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<WorkflowSearch TotalResultsOnPage="3" TotalResults="3" TotalPages="1" PageSize="25" CurrentPage="1">
  <SearchResults>
    <Workflow WorkflowId="271341877549072385">
      <Assignees>
        <Assignee>
          <OrganizationId>1879048492</OrganizationId>
          <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
          <Name>Mr Patrick O'Leary</Name>
          <UserId>1879049107</UserId>
        </Assignee>
      </Assignees>
      <Comments></Comments>
      <DateCompleted></DateCompleted>
      <DateDue>2021-07-19T00:21:01.423Z</DateDue>
      <DateIn>2021-07-16T00:21:01.597Z</DateIn>
      <DaysLate>3</DaysLate>
      <DocumentNumber>A-1001</DocumentNumber>
      <DocumentRevision>C</DocumentRevision>
      <DocumentTitle>SITE PLAN</DocumentTitle>
      <DocumentTrackingId>1879050652</DocumentTrackingId>
      <DocumentVersion>17</DocumentVersion>
      <Duration>1.0</Duration>
      <FileName>A-1001-A.pdf</FileName>
      <FileSize>208412</FileSize>
      <Initiator>
        <OrganizationId>1879048492</OrganizationId>
        <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
        <Name>Mr Patrick O'Leary</Name>
        <UserId>1879049107</UserId>
      </Initiator>
      <OriginalDueDate>2021-07-19T00:21:01.423Z</OriginalDueDate>
      <ParentWorkflowId>1879050805</ParentWorkflowId>
      <ReasonForIssue>Issued for Information</ReasonForIssue>
      <StepName>STEP 1</StepName>
      <StepOutcome>Pending Action</StepOutcome>
      <StepStatus>Overdue</StepStatus>
      <WorkflowName>patrick-only-internal</WorkflowName>
      <WorkflowNumber>WF-000031</WorkflowNumber>
      <WorkflowStatus>In Progress</WorkflowStatus>
      <WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
    </Workflow>
    <Workflow WorkflowId="271341877549072386">
      <Assignees>
        <Assignee>
          <OrganizationId>1879048492</OrganizationId>
          <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
          <Name>Mr Patrick O'Leary</Name>
          <UserId>1879049107</UserId>
        </Assignee>
      </Assignees>
      <Comments></Comments>
      <DateCompleted></DateCompleted>
      <DateDue>2021-07-19T00:23:03.837Z</DateDue>
      <DateIn>2021-07-16T00:23:03.947Z</DateIn>
      <DaysLate>3</DaysLate>
      <DocumentNumber>SKT-000002</DocumentNumber>
      <DocumentRevision>b</DocumentRevision>
      <DocumentTitle>supplierdoc</DocumentTitle>
      <DocumentTrackingId>1879054118</DocumentTrackingId>
      <DocumentVersion>4</DocumentVersion>
      <Duration>1.0</Duration>
      <FileName>leaves1.jpg</FileName>
    </Workflow>
  </SearchResults>
</WorkflowSearch>
```

```

<FileSize>374921</FileSize>
<Initiator>
  <OrganizationId>1879048492</OrganizationId>
  <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
  <Name>Mr Patrick O'Leary</Name>
  <UserId>1879049107</UserId>
</Initiator>
<OriginalDueDate>2021-07-19T00:23:03.837Z</OriginalDueDate>
<ReasonForIssue>Issued for Information</ReasonForIssue>
<RelatedSupplierDocumentPackage>Poleary as EPCM</RelatedSupplierDocumentPackage>
<StepName>STEP 1</StepName>
<StepOutcome>Pending Action</StepOutcome>
<StepStatus>Overdue</StepStatus>
<WorkflowName>patrick-only-internal</WorkflowName>
<WorkflowNumber>WF-000032</WorkflowNumber>
<WorkflowStatus>In Progress</WorkflowStatus>
<WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
<Workflow WorkflowId="271341877549072389">
  <Assignees>
    <Assignee>
      <OrganizationId>1879048492</OrganizationId>
      <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
      <Name>Mr Patrick O'Leary</Name>
      <UserId>1879049107</UserId>
    </Assignee>
  </Assignees>
  <Comments></Comments>
  <DateCompleted></DateCompleted>
  <DateDue>2021-07-20T00:48:42.123Z</DateDue>
  <DateIn>2021-07-19T00:48:42.197Z</DateIn>
  <DaysLate>2</DaysLate>
  <DocumentNumber>05-034_A700-1</DocumentNumber>
  <DocumentRevision>57</DocumentRevision>
  <DocumentTitle>the whole world isnt intellij</DocumentTitle>
  <DocumentTrackingId>1879052680</DocumentTrackingId>
  <DocumentVersion>13</DocumentVersion>
  <Duration>1.0</Duration>
  <FileName>N05-034_A700-3.pdf</FileName>
  <FileSize>420387</FileSize>
  <Initiator>
    <OrganizationId>1879048492</OrganizationId>
    <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
    <Name>Mr Patrick O'Leary</Name>
    <UserId>1879049107</UserId>
  </Initiator>
  <OriginalDueDate>2021-07-20T00:48:42.123Z</OriginalDueDate>
  <ReasonForIssue>Issued for Approval</ReasonForIssue>
  <RelatedSupplierDocumentPackage>test-syd</RelatedSupplierDocumentPackage>
  <StepName>STEP 1</StepName>
  <StepOutcome>Pending Action</StepOutcome>
  <StepStatus>Overdue</StepStatus>
  <WorkflowName>patrick-only-internal</WorkflowName>
  <WorkflowNumber>WF-000033</WorkflowNumber>
  <WorkflowStatus>In Progress</WorkflowStatus>
  <WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
</SearchResults>
</WorkflowSearch>

```

## Error Codes Specific to the Service

Status Code	Description	HTTP Status Code
INVALID_PARAMETER_VALUE	If a value for a provided parameter is not valid in anyway or unexpected	400
USER_NOT_ON_PROJECT	If the authorizing user is not on the given project	401

## Prerequisites

### Required Permissions

### Constraints

The request will fail if the specified project is in any of the following states:

- De-activated
- Disconnected

The request will also fail if the authorizing user does not have access to the specified project.

## Related APIs

- Search Workflows Of Project
- Search Workflows Initiated By User's Organization
- Search Workflows Not Initiated By User's Organization
- Search Workflows Assigned to User's Organization
- Search Workflows Not Assigned to User's Organization
- Search Workflows By Status
- Search Workflows By Status And Initiated By User's Organization
- Search Workflows By Status And Assigned To User's Organization
- Search Workflows By Status And Not Assigned To User's Organization

---

## Search Workflows By Status And Assigned To User's Organization

### Search Workflows By Status And Assigned To User's Organization

The service retrieves a set of workflows belonging to the given project with the given status where the requesting user's organization is an assignee.

#### Specifying updated\_before

The service allows you to provide a date time specifying the earliest modification to be included in the returned results. That is, only workflows that have changed at or prior to this time will be included in the response.

#### Specifying updated\_after

The service allows you to provide a date time specifying the latest modification to be included in the returned results. That is, only workflows that have changed at or after this time will be included in the response.

#### Specifying page\_number and page\_size

The service allows you to request back a specific page from a large number of results by specifying page\_number and page\_size.

#### URL structure

```
HTTP GET: https://{hostname}/api/projects/{project_id}/workflows/{status}/assigned-to/us?{parameters}
```

#### Parameters

Parameters	Type	Cardinality	Notes
project_id	Integer	1	The ID fo the project whose workflows will be returned.
status	String	1	One of : forecast current complete skipped terminated
page_size	Integer	0..1	Must be at minimum (and a multiple of) 25. The default value is 25.
page_number	Integer	0..1	Must be greater than 0. The default value is 1.
updated_before	DateTime	0..1	A RFC3339 date time.
updated_after	DateTime	0..1	An RFC3339 date time.

#### Interface

##### Request Fields

Not Applicable. HTTP GET operations have no request body.

##### Sample request

```
https://au1.aconex.com/api/projects/1879048400/workflows/current/assigned-to/us?updated_after=2020-07-01T03%3A00%3A00Z&updated_before=2021-07-30T03%3A00%3A00Z&page_size=25&page_number=1
```

The search query in the example above returns workflows of project 1879048400 which were assigned to the requesting user's organization, last updated between 2020-07-01T03:00:00Z and 2021-07-30T03:00:00Z and are still in progress. Note the use of URL escape codes in the sample request.

---

## Response Fields

Cardinality refers to the number of repetitions a field can have. A cardinality that allows zero (0) means the field is optional, and may not appear in the response.

The number of \*'s indicate the parent-child depth.

Element	Type	Cardinality	Notes
WorkflowSearch	Group	1	
TotalResults	Attribute Integer	1	The number of workflows that match the searching criteria.
TotalResultsOnPage	Attribute Integer	1	The number of results on the current page.
TotalPages	Attribute Integer	1	The total number of pages available.
PageSize	Attribute Integer	1	The page size for the search conducted which will match the page_size parameter provided.
CurrentPage	Attribute Integer	1	The page the results are on. This should match the page_number parameter provided.
* SearchResults	Group	1	
** Workflow	Group	0..n	
** WorkflowId	Attribute Long(64 bit)	1	
*** Assignees	Group	1	The users to whom this workflow has been assigned.
**** Assignee	Group	1..n	
***** OrganizationId	Long(64 bit)	1	
***** OrganizationName	String	1	
***** Name	String	1	
***** UserId	Long(64 bit)	1	
*** Comments	String	1	
*** Reviewer	Group	0..1	One of the assignees who completed this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
*** DateCompleted	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DateDue	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DateIn	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DaysLate	Integer	1	
*** DocumentNumber	String	1	
*** DocumentRevision	String	1	
*** DocumentTitle	String	1	
*** DocumentTrackingId	Long(64 bit)	1	The tracking id for a document is a unique identifier for all version of a specific document. When a document is first registered into Aconex, a unique identifier is generated and this value is used assigned to all document revisions of that document. One can use this tracking identifier to create a chain of documents.
*** DocumentVersion	Long(64 bit)	1	The version number of a document provides information relating to the sequence in which the document was registered within the chain of revisions. For all documents with the same Tracking Id, the version number will be an integer value starting from 1. e.g. When a document is newly registered into Aconex, its version number will be 1. When it is superseded, a new document with a version number of 2 will be created.
*** Duration	Float	1	In days.
*** FileName	String	1	
*** FileSize	Long(64 bit)	1	In bytes.
*** Initiator	Group	1	The user who initiated this workflow.

**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
OriginalDueDate	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
ParentWorkflowId	Long(64 bit)	0..1	This field is only applicable to sub-workflows initiated inside the Workflows module.
ReasonForIssue	String	1	
RelatedSupplierDocumentPackage	String	0..1	This field contains the package number of related supplier document package if any.
StepName	String	1	
StepOutcome	String	1	
StepStatus	String	1	One of : Completed Current Forecast Overdue Skipped Terminated
WorkflowName	String	1	
WorkflowNumber	String	1	
WorkflowStatus	String	1	One of : Completed In Progress Terminated
WorkflowTemplate	String	1	

### Sample response

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<WorkflowSearch TotalResultsOnPage="3" TotalResults="3" TotalPages="1" PageSize="25" CurrentPage="1">
  <SearchResults>
    <Workflow WorkflowId="271341877549072385">
      <Assignees>
        <Assignee>
          <OrganizationId>1879048492</OrganizationId>
          <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
          <Name>Mr Patrick O'Leary</Name>
          <UserId>1879049107</UserId>
        </Assignee>
      </Assignees>
      <Comments></Comments>
      <DateCompleted></DateCompleted>
      <DateDue>2021-07-19T00:21:01.423Z</DateDue>
      <DateIn>2021-07-16T00:21:01.597Z</DateIn>
      <DaysLate>3</DaysLate>
      <DocumentNumber>A-1001</DocumentNumber>
      <DocumentRevision>C</DocumentRevision>
      <DocumentTitle>SITE PLAN</DocumentTitle>
      <DocumentTrackingId>1879050652</DocumentTrackingId>
      <DocumentVersion>17</DocumentVersion>
      <Duration>1.0</Duration>
      <FileName>A-1001-A.pdf</FileName>
      <FileSize>208412</FileSize>
      <Initiator>
        <OrganizationId>1879048492</OrganizationId>
        <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
        <Name>Mr Patrick O'Leary</Name>
        <UserId>1879049107</UserId>
      </Initiator>
      <OriginalDueDate>2021-07-19T00:21:01.423Z</OriginalDueDate>
      <ParentWorkflowId>1879050805</ParentWorkflowId>
      <ReasonForIssue>Issued for Information</ReasonForIssue>
      <StepName>STEP 1</StepName>
      <StepOutcome>Pending Action</StepOutcome>
      <StepStatus>Overdue</StepStatus>
      <WorkflowName>patrick-only-internal</WorkflowName>
      <WorkflowNumber>WF-000031</WorkflowNumber>
      <WorkflowStatus>In Progress</WorkflowStatus>
      <WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
    </Workflow>
  </SearchResults>
</WorkflowSearch WorkflowId="271341877549072386">
```

```

<Assignees>
  <Assignee>
    <OrganizationId>1879048492</OrganizationId>
    <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
    <Name>Mr Patrick O'Leary</Name>
    <UserId>1879049107</UserId>
  </Assignee>
</Assignees>
<Comments></Comments>
<DateCompleted></DateCompleted>
<DateDue>2021-07-19T00:23:03.837Z</DateDue>
<DateIn>2021-07-16T00:23:03.947Z</DateIn>
<DaysLate>3</DaysLate>
<DocumentNumber>SKT-000002</DocumentNumber>
<DocumentRevision>b</DocumentRevision>
<DocumentTitle>supplierdoc</DocumentTitle>
<DocumentTrackingId>1879054118</DocumentTrackingId>
<DocumentVersion>4</DocumentVersion>
<Duration>1.0</Duration>
<FileName>leaves1.jpg</FileName>
<FileSize>374921</FileSize>
<Initiator>
  <OrganizationId>1879048492</OrganizationId>
  <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
  <Name>Mr Patrick O'Leary</Name>
  <UserId>1879049107</UserId>
</Initiator>
<OriginalDueDate>2021-07-19T00:23:03.837Z</OriginalDueDate>
<ReasonForIssue>Issued for Information</ReasonForIssue>
<RelatedSupplierDocumentPackage>Poleary as EPCM</RelatedSupplierDocumentPackage>
<StepName>STEP 1</StepName>
<StepOutcome>Pending Action</StepOutcome>
<StepStatus>Overdue</StepStatus>
<WorkflowName>patrick-only-internal</WorkflowName>
<WorkflowNumber>WF-000032</WorkflowNumber>
<WorkflowStatus>In Progress</WorkflowStatus>
<WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
<Workflow WorkflowId="271341877549072389">
  <Assignees>
    <Assignee>
      <OrganizationId>1879048492</OrganizationId>
      <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
      <Name>Mr Patrick O'Leary</Name>
      <UserId>1879049107</UserId>
    </Assignee>
  </Assignees>
  <Comments></Comments>
  <DateCompleted></DateCompleted>
  <DateDue>2021-07-20T00:48:42.123Z</DateDue>
  <DateIn>2021-07-19T00:48:42.197Z</DateIn>
  <DaysLate>2</DaysLate>
  <DocumentNumber>05-034_A700-1</DocumentNumber>
  <DocumentRevision>57</DocumentRevision>
  <DocumentTitle>the whole world isnt intellij</DocumentTitle>
  <DocumentTrackingId>1879052680</DocumentTrackingId>
  <DocumentVersion>13</DocumentVersion>
  <Duration>1.0</Duration>
  <FileName>N05-034_A700-3.pdf</FileName>
  <FileSize>420387</FileSize>
  <Initiator>
    <OrganizationId>1879048492</OrganizationId>
    <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
    <Name>Mr Patrick O'Leary</Name>
    <UserId>1879049107</UserId>
  </Initiator>
  <OriginalDueDate>2021-07-20T00:48:42.123Z</OriginalDueDate>
  <ReasonForIssue>Issued for Approval</ReasonForIssue>
  <RelatedSupplierDocumentPackage>test-syd</RelatedSupplierDocumentPackage>
  <StepName>STEP 1</StepName>
  <StepOutcome>Pending Action</StepOutcome>
  <StepStatus>Overdue</StepStatus>
  <WorkflowName>patrick-only-internal</WorkflowName>
  <WorkflowNumber>WF-000033</WorkflowNumber>
  <WorkflowStatus>In Progress</WorkflowStatus>
  <WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
</SearchResults>
</WorkflowSearch>

```

Error Codes Specific to the Service

Status Code	Description	HTTP Status Code
INVALID_PARAMETER_VALUE	If a value for a provided parameter is not valid in anyway or unexpected	400
USER_NOT_ON_PROJECT	If the authorizing user is not on the given project	401

## Prerequisites

### Required Permissions

### Constraints

The request will fail if the specified project is in any of the following states:

- De-activated
- Disconnected

The request will also fail if the authorizing user does not have access to the specified project.

### Related APIs

- Search Workflows Of Project
- Search Workflows Initiated By User's Organization
- Search Workflows Not Initiated By User's Organization
- Search Workflows Assigned to User's Organization
- Search Workflows Not Assigned to User's Organization
- Search Workflows By Status
- Search Workflows By Status And Initiated By User's Organization
- Search Workflows By Status And Not Initiated By User's Organization
- Search Workflows By Status And Not Assigned To User's Organization

## Search Workflows By Status And Not Assigned To User's Organization

### Search Workflows By Status And Not Assigned To User's Organization

The service retrieves a set of workflows belonging to the given project with the given status where the requesting user's organization is not an assignee.

#### Specifying updated\_before

The service allows you to provide a date time specifying the earliest modification to be included in the returned results. That is, only workflows that have changed at or prior to this time will be included in the response.

#### Specifying updated\_after

The service allows you to provide a date time specifying the latest modification to be included in the returned results. That is, only workflows that have changed at or after this time will be included in the response.

#### Specifying page\_number and page\_size

The service allows you to request back a specific page from a large number of results by specifying page\_number and page\_size.

### URL structure

```
HTTP GET: https://{hostname}/api/projects/{project_id}/workflows/{status}/assigned-to/others?{parameters}
```

### Parameters

Parameters	Type	Cardinality	Notes
project_id	Integer	1	The ID fo the project whose workflows will be returned.
status	String	1	One of : forecast current complete skipped terminated
page_size	Integer	0..1	Must be at minimum (and a multiple of) 25. The default value is 25.
page_number	Integer	0..1	Must be greater than 0. The default value is 1.

updated_before	DateTime	0..1	A RFC3339 date time.
updated_after	DateTime	0..1	An RFC3339 date time.

## Interface

### Request Fields

Not Applicable. HTTP GET operations have no request body.

### Sample request

```
https://aui.aconex.com/api/projects/1879048400/workflows/current/assigned-to/others?updated_after=2020-07-01T03%3A00%3A00Z&updated_before=2021-07-30T03%3A00%3A00Z&page_size=25&page_number=1
```

The search query in the example above returns workflows of project 1879048400 which were not assigned to the requesting user's organization, last updated between 2020-07-01T03:00:00Z and 2021-07-30T03:00:00Z and are still in progress. Note the use of URL escape codes in the sample request.

### Response Fields

Cardinality refers to the number of repetitions a field can have. A cardinality that allows zero (0) means the field is optional, and may not appear in the response.

The number of \*'s indicate the parent-child depth.

Element	Type	Cardinality	Notes
WorkflowSearch	Group	1	
TotalResults	Attribute Integer	1	The number of workflows that match the searching criteria.
TotalResultsOnPage	Attribute Integer	1	The number of results on the current page.
TotalPages	Attribute Integer	1	The total number of pages available.
PageSize	Attribute Integer	1	The page size for the search conducted which will match the page_size parameter provided.
CurrentPage	Attribute Integer	1	The page the results are on. This should match the page_number parameter provided.
* SearchResults	Group	1	
** Workflow	Group	0..n	
** WorkflowId	Attribute Long(64 bit)	1	
*** Assignees	Group	1	The users to whom this workflow has been assigned.
**** Assignee	Group	1..n	
***** OrganizationId	Long(64 bit)	1	
***** OrganizationName	String	1	
***** Name	String	1	
***** UserId	Long(64 bit)	1	
*** Comments	String	1	
*** Reviewer	Group	0..1	One of the assignees who completed this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
*** DateCompleted	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DateDue	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DateIn	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DaysLate	Integer	1	

*** DocumentNumber	String	1	
*** DocumentRevision	String	1	
*** DocumentTitle	String	1	
*** DocumentTrackingId	Long(64 bit)	1	The tracking id for a document is a unique identifier for all version of a specific document. When a document is first registered into Aconex, a unique identifier is generated and this value is used assigned to all document revisions of that document. One can use this tracking identifier to create a chain of documents.
*** DocumentVersion	Long(64 bit)	1	The version number of a document provides information relating to the sequence in which the document was registered within the chain of revisions. For all documents with the same Tracking Id, the version number will be an integer value starting from 1. e.g. When a document is newly registered into Aconex, its version number will be 1. When it is superseded, a new document with a version number of 2 will be created.
*** Duration	Float	1	In days.
*** FileName	String	1	
*** FileSize	Long(64 bit)	1	In bytes.
*** Initiator	Group	1	The user who initiated this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
OriginalDueDate	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
ParentWorkflowId	Long(64 bit)	0..1	This field is only applicable to sub-workflows initiated inside the Workflows module.
ReasonForIssue	String	1	
RelatedSupplierDocumentPackage	String	0..1	This field contains the package number of related supplier document package if any.
StepName	String	1	
StepOutcome	String	1	
StepStatus	String	1	One of : Completed Current Forecast Overdue Skipped Terminated
WorkflowName	String	1	
WorkflowNumber	String	1	
WorkflowStatus	String	1	One of : Completed In Progress Terminated
WorkflowTemplate	String	1	

## Sample response

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<WorkflowSearch TotalResultsOnPage="3" TotalResults="3" TotalPages="1" PageSize="25" CurrentPage="1">
  <SearchResults>
    <Workflow WorkflowId="271341877549072385">
      <Assignees>
        <Assignee>
          <OrganizationId>1879048492</OrganizationId>
          <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
          <Name>Mr Patrick O'Leary</Name>
          <UserId>1879049107</UserId>
        </Assignee>
      </Assignees>
      <Comments></Comments>
      <DateCompleted></DateCompleted>
      <DateDue>2021-07-19T00:21:01.423Z</DateDue>
      <DateIn>2021-07-16T00:21:01.597Z</DateIn>
      <DaysLate>3</DaysLate>
      <DocumentNumber>A-1001</DocumentNumber>
      <DocumentRevision>C</DocumentRevision>
      <DocumentTitle>SITE PLAN</DocumentTitle>
      <DocumentTrackingId>1879050652</DocumentTrackingId>
    </Workflow>
  </SearchResults>
</WorkflowSearch>
```

```
<DocumentVersion>17</DocumentVersion>
<Duration>1.0</Duration>
<FileName>A-1001-A.pdf</FileName>
<FileSize>208412</FileSize>
<Initiator>
  <OrganizationId>1879048492</OrganizationId>
  <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
  <Name>Mr Patrick O'Leary</Name>
  <UserId>1879049107</UserId>
</Initiator>
<OriginalDueDate>2021-07-19T00:21:01.423Z</OriginalDueDate>
<ParentWorkflowId>1879050805</ParentWorkflowId>
<ReasonForIssue>Issued for Information</ReasonForIssue>
<StepName>STEP 1</StepName>
<StepOutcome>Pending Action</StepOutcome>
<StepStatus>Overdue</StepStatus>
<WorkflowName>patrick-only-internal</WorkflowName>
<WorkflowNumber>WF-000031</WorkflowNumber>
<WorkflowStatus>In Progress</WorkflowStatus>
<WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
<Workflow WorkflowId="271341877549072386">
  <Assignees>
    <Assignee>
      <OrganizationId>1879048492</OrganizationId>
      <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
      <Name>Mr Patrick O'Leary</Name>
      <UserId>1879049107</UserId>
    </Assignee>
  </Assignees>
  <Comments></Comments>
  <DateCompleted></DateCompleted>
  <DateDue>2021-07-19T00:23:03.837Z</DateDue>
  <DateIn>2021-07-16T00:23:03.947Z</DateIn>
  <DaysLate>3</DaysLate>
  <DocumentNumber>SKT-000002</DocumentNumber>
  <DocumentRevision>b</DocumentRevision>
  <DocumentTitle>supplierdoc</DocumentTitle>
  <DocumentTrackingId>1879054118</DocumentTrackingId>
  <DocumentVersion>4</DocumentVersion>
  <Duration>1.0</Duration>
  <FileName>leaves1.jpg</FileName>
  <FileSize>374921</FileSize>
  <Initiator>
    <OrganizationId>1879048492</OrganizationId>
    <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
    <Name>Mr Patrick O'Leary</Name>
    <UserId>1879049107</UserId>
  </Initiator>
  <OriginalDueDate>2021-07-19T00:23:03.837Z</OriginalDueDate>
  <ReasonForIssue>Issued for Information</ReasonForIssue>
  <RelatedSupplierDocumentPackage>Poleary as EPCM</RelatedSupplierDocumentPackage>
  <StepName>STEP 1</StepName>
  <StepOutcome>Pending Action</StepOutcome>
  <StepStatus>Overdue</StepStatus>
  <WorkflowName>patrick-only-internal</WorkflowName>
  <WorkflowNumber>WF-000032</WorkflowNumber>
  <WorkflowStatus>In Progress</WorkflowStatus>
  <WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
<Workflow WorkflowId="271341877549072389">
  <Assignees>
    <Assignee>
      <OrganizationId>1879048492</OrganizationId>
      <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
      <Name>Mr Patrick O'Leary</Name>
      <UserId>1879049107</UserId>
    </Assignee>
  </Assignees>
  <Comments></Comments>
  <DateCompleted></DateCompleted>
  <DateDue>2021-07-20T00:48:42.123Z</DateDue>
  <DateIn>2021-07-19T00:48:42.197Z</DateIn>
  <DaysLate>2</DaysLate>
  <DocumentNumber>05-034_A700-1</DocumentNumber>
  <DocumentRevision>57</DocumentRevision>
  <DocumentTitle>the whole world isnt intellij</DocumentTitle>
  <DocumentTrackingId>1879052680</DocumentTrackingId>
  <DocumentVersion>13</DocumentVersion>
  <Duration>1.0</Duration>
  <FileName>N05-034_A700-3.pdf</FileName>
  <FileSize>420387</FileSize>
  <Initiator>
    <OrganizationId>1879048492</OrganizationId>
```

```

    <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
    <Name>Mr Patrick O'Leary</Name>
    <UserId>1879049107</UserId>
  </Initiator>
  <OriginalDueDate>2021-07-20T00:48:42.123Z</OriginalDueDate>
  <ReasonForIssue>Issued for Approval</ReasonForIssue>
  <RelatedSupplierDocumentPackage>test-syd</RelatedSupplierDocumentPackage>
  <StepName>STEP 1</StepName>
  <StepOutcome>Pending Action</StepOutcome>
  <StepStatus>Overdue</StepStatus>
  <WorkflowName>patrick-only-internal</WorkflowName>
  <WorkflowNumber>WF-000033</WorkflowNumber>
  <WorkflowStatus>In Progress</WorkflowStatus>
  <WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
</SearchResults>
</WorkflowSearch>

```

## Error Codes Specific to the Service

Status Code	Description	HTTP Status Code
INVALID_PARAMETER_VALUE	If a value for a provided parameter is not valid in anyway or unexpected	400
USER_NOT_ON_PROJECT	If the authorizing user is not on the given project	401

## Prerequisites

### Required Permissions

### Constraints

The request will fail if the specified project is in any of the following states:

- De-activated
- Disconnected

The request will also fail if the authorizing user does not have access to the specified project.

## Related APIs

- Search Workflows Of Project
- Search Workflows Initiated By User's Organization
- Search Workflows Not Initiated By User's Organization
- Search Workflows Assigned to User's Organization
- Search Workflows Not Assigned to User's Organization
- Search Workflows By Status
- Search Workflows By Status And Initiated By User's Organization
- Search Workflows By Status And Not Initiated By User's Organization
- Search Workflows By Status And Assigned To User's Organization

## Search Workflows By Workflow Numbers

### Search Workflows By Workflow Numbers

The service retrieves a set of workflows belonging to the given project with the given workflow numbers.

#### Specifying page\_number and page\_size

The service allows you to request back a specific page from a large number of results by specifying page\_number and page\_size.

#### URL structure

HTTP GET: `https://{hostname}/api/projects/{project_id}/workflows/search?{parameters}`

#### Parameters

Parameters	Type	Cardinality	Notes
project_id	Integer	1	The ID of the project whose workflows will be returned.
workflow_number	String	1	Accepts a comma-separated list of up to 10 workflow numbers, not blank.

page_size	Integer	0..1	Must be at minimum (and a multiple of) 25. The default value is 25.
page_number	Integer	0..1	Must be greater than 0. The default value is 1.

## Interface

### Request Fields

Not Applicable. HTTP GET operations have no request body.

### Sample request

```
https://aui.aconex.com/api/projects/1879053816/workflows/search?workflow_number=WF-000020,WF-000021&page_size=25&page_number=1
```

**The search query in the example above returns workflows of project 1879053816 which has workflow numbers WF-000020 and WF-000021 Note the use of URL escape codes in the sample request.**

### Response Fields

Cardinality refers to the number of repetitions a field can have. A cardinality that allows zero (0) means the field is optional, and may not appear in the response.

The number of \*'s indicate the parent-child depth.

Element	Type	Cardinality	Notes
WorkflowSearch	Group	1	
TotalResults	Attribute Integer	1	The number of workflows that match the searching criteria.
TotalResultsOnPage	Attribute Integer	1	The number of results on the current page.
TotalPages	Attribute Integer	1	The total number of pages available.
PageSize	Attribute Integer	1	The page size for the search conducted which will match the page_size parameter provided.
CurrentPage	Attribute Integer	1	The page the results are on. This should match the page_number parameter provided.
* SearchResults	Group	1	
** Workflow	Group	0..n	
** WorkflowId	Attribute Long(64 bit)	1	
*** Assignees	Group	1	The users to whom this workflow has been assigned.
**** Assignee	Group	1..n	
***** OrganizationId	Long(64 bit)	1	
***** OrganizationName	String	1	
***** Name	String	1	
***** UserId	Long(64 bit)	1	
*** Comments	String	1	
*** Reviewer	Group	0..1	One of the assignees who completed this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
*** DateCompleted	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DateDue	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DateIn	String	1	UTC format yyyy-MM-dd'T'hh:mm:ss.SSS'Z'
*** DaysLate	Integer	1	
*** DocumentNumber	String	1	

*** DocumentRevision	String	1	
*** DocumentTitle	String	1	
*** DocumentTrackingId	Long(64 bit)	1	The tracking id for a document is a unique identifier for all version of a specific document. When a document is first registered into Aconex, a unique identifier is generated and this value is used assigned to all document revisions of that document. One can use this tracking identifier to create a chain of documents.
*** DocumentVersion	Long(64 bit)	1	The version number of a document provides information relating to the sequence in which the document was registered within the chain of revisions. For all documents with the same Tracking Id, the version number will be an integer value starting from 1. e.g. When a document is newly registered into Aconex, its version number will be 1. When it is superseded, a new document with a version number of 2 will be created.
*** Duration	Float	1	In days.
*** FileName	String	1	
*** FileSize	Long(64 bit)	1	In bytes.
*** Initiator	Group	1	The user who initiated this workflow.
**** OrganizationId	Long(64 bit)	1	
**** OrganizationName	String	1	
**** Name	String	1	
**** UserId	Long(64 bit)	1	
OriginalDueDate	String	1	UTC format yyyy-MM-ddT'hh:mm:ss.SSS'Z'
ParentWorkflowId	Long(64 bit)	0..1	This field is only applicable to sub-workflows initiated inside the Workflows module.
ReasonForIssue	String	1	
RelatedSupplierDocumentPackage	String	0..1	This field contains the package number of related supplier document package if any.
StepName	String	1	
StepOutcome	String	1	
StepStatus	String	1	One of : Completed Current Forecast Overdue Skipped Terminated
WorkflowName	String	1	
WorkflowNumber	String	1	
WorkflowStatus	String	1	One of : Completed In Progress Terminated
WorkflowTemplate	String	1	

## Sample response

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<WorkflowSearch CurrentPage="1" PageSize="25" TotalPages="1" TotalResults="3" TotalResultsOnPage="3">
  <SearchResults>
    <Workflow WorkflowId="271341877549205188">
      <Assignees>
        <Assignee>
          <OrganizationId>1</OrganizationId>
          <OrganizationName>Aconex Administration</OrganizationName>
          <Name>Mr Aconex Administrator</Name>
          <UserId>1</UserId>
        </Assignee>
        <Assignee>
          <OrganizationId>1879053758</OrganizationId>
          <OrganizationName>Pavan's Org</OrganizationName>
          <Name>Mr Pavan Vuppala</Name>
          <UserId>1879054527</UserId>
        </Assignee>
        <Assignee>
          <OrganizationId>1879053759</OrganizationId>
          <OrganizationName>Praveen's Org</OrganizationName>
          <Name>Mr Praveen Kumar</Name>
          <UserId>1879054528</UserId>
        </Assignee>
      </Assignees>
    </Workflow>
  </SearchResults>
</WorkflowSearch>
```

```

    <Assignee>
      <OrganizationId>1879053760</OrganizationId>
      <OrganizationName>Sunil's org</OrganizationName>
      <Name>Mr Test1 Sunil</Name>
      <UserId>1879054530</UserId>
    </Assignee>
  </Assignees>
  <Assignee>
    <OrganizationId>1879053823</OrganizationId>
    <OrganizationName>APIORG</OrganizationName>
    <Name>Mrs test Apiorg</Name>
    <UserId>1879054650</UserId>
  </Assignee>
  <Assignee>
    <OrganizationId>1879053200</OrganizationId>
    <OrganizationName>test_org</OrganizationName>
    <Name> test1 test</Name>
    <UserId>1879053205</UserId>
  </Assignee>
  <Assignee>
    <OrganizationId>1879053759</OrganizationId>
    <OrganizationName>Praveen's Org</OrganizationName>
    <Name> test<lt; comparator>></Name>
    <UserId>1879054541</UserId>
  </Assignee>
</Assignees>
<Comments> </Comments>
<DateCompleted>2025-07-31T10:24:26.014Z</DateCompleted>
<DateDue>2025-08-01T10:17:13.980Z</DateDue>
<DateIn>2025-07-31T10:17:14.067Z</DateIn>
<DaysLate>0</DaysLate>
<DocumentNumber>1004</DocumentNumber>
<DocumentRevision>1</DocumentRevision>
<DocumentTitle>test5 - Copy (2) - Copy.pdf</DocumentTitle>
<DocumentTrackingId>271341877549092765</DocumentTrackingId>
<DocumentVersion>4</DocumentVersion>
<Duration>1.0</Duration>
<FileName>test5 - Copy (2) - Copy.pdf</FileName>
<FileSize>953</FileSize>
<Initiator>
  <OrganizationId>1879053767</OrganizationId>
  <OrganizationName>Vidhuy's org</OrganizationName>
  <Name> Vidhyullatha Perla</Name>
  <UserId>1879054538</UserId>
</Initiator>
<OriginalDueDate>2025-08-01T10:17:13.980Z</OriginalDueDate>
<ReasonForIssue>Issued for Bid</ReasonForIssue>
<Reviewer>
  <OrganizationId>1</OrganizationId>
  <OrganizationName>Aconex Administration</OrganizationName>
  <Name>Mr Aconex Administrator</Name>
  <UserId>1</UserId>
</Reviewer>
<StepName>s1</StepName>
<StepOutcome>Approved</StepOutcome>
<StepStatus>Completed</StepStatus>
<WorkflowName>test template with more users</WorkflowName>
<WorkflowNumber>WF-000020</WorkflowNumber>
<WorkflowStatus>Completed</WorkflowStatus>
<WorkflowTemplate>test template with more users</WorkflowTemplate>
</Workflow>
<Workflow WorkflowId="271341877549205189">
  <Assignees>
    <Assignee>
      <OrganizationId>1</OrganizationId>
      <OrganizationName>Aconex Administration</OrganizationName>
      <Name>Mr Aconex Administrator</Name>
      <UserId>1</UserId>
    </Assignee>
    <Assignee>
      <OrganizationId>1879053758</OrganizationId>
      <OrganizationName>Pavan's Org</OrganizationName>
      <Name>Mr Pavan Vuppala</Name>
      <UserId>1879054527</UserId>
    </Assignee>
    <Assignee>
      <OrganizationId>1879053759</OrganizationId>
      <OrganizationName>Praveen's Org</OrganizationName>
      <Name>Mr Praveen Kumar</Name>
      <UserId>1879054528</UserId>
    </Assignee>
    <Assignee>
      <OrganizationId>1879053760</OrganizationId>
      <OrganizationName>Sunil's org</OrganizationName>
      <Name>Mr Test1 Sunil</Name>

```

```
<UserId>1879054530</UserId>
</Assignee>
<Assignee>
  <OrganizationId>1879053823</OrganizationId>
  <OrganizationName>APIORG</OrganizationName>
  <Name>Mrs test Apiorg</Name>
  <UserId>1879054650</UserId>
</Assignee>
<Assignee>
  <OrganizationId>1879053200</OrganizationId>
  <OrganizationName>test_org</OrganizationName>
  <Name> test1 test</Name>
  <UserId>1879053205</UserId>
</Assignee>
<Assignee>
  <OrganizationId>1879053759</OrganizationId>
  <OrganizationName>Praveen's Org</OrganizationName>
  <Name> test< &lt; comparator &gt;</Name>
  <UserId>1879054541</UserId>
</Assignee>
</Assignees>
<Comments></Comments>
<DateCompleted>2025-07-31T10:33:04.230Z</DateCompleted>
<DateDue>2025-08-01T10:27:29.689Z</DateDue>
<DateIn>2025-07-31T10:27:29.772Z</DateIn>
<DaysLate>0</DaysLate>
<DocumentNumber>1008</DocumentNumber>
<DocumentRevision>1</DocumentRevision>
<DocumentTitle>test5 - Copy (4) - Copy.pdf</DocumentTitle>
<DocumentTrackingId>271341877549092789</DocumentTrackingId>
<DocumentVersion>4</DocumentVersion>
<Duration>1.0</Duration>
<FileName>test5 - Copy (4) - Copy.pdf</FileName>
<FileSize>953</FileSize>
<Initiator>
  <OrganizationId>1879053767</OrganizationId>
  <OrganizationName>Vidhuy's org</OrganizationName>
  <Name> Vidhyullatha Perla</Name>
  <UserId>1879054538</UserId>
</Initiator>
<OriginalDueDate>2025-08-01T10:27:29.689Z</OriginalDueDate>
<ReasonForIssue>Issued for Bid</ReasonForIssue>
<Reviewer>
  <OrganizationId>1</OrganizationId>
  <OrganizationName>Aconex Administration</OrganizationName>
  <Name>Mr Aconex Administrator</Name>
  <UserId>1</UserId>
</Reviewer>
<StepName>s1</StepName>
<StepOutcome>Approved with Comments</StepOutcome>
<StepStatus>Completed</StepStatus>
<WorkflowName>test template with more users</WorkflowName>
<WorkflowNumber>WF-000021</WorkflowNumber>
<WorkflowStatus>Completed</WorkflowStatus>
<WorkflowTemplate>test template with more users</WorkflowTemplate>
</Workflow>
<Workflow WorkflowId="271341877549205190">
  <Assignees>
    <Assignee>
      <OrganizationId>1</OrganizationId>
      <OrganizationName>Aconex Administration</OrganizationName>
      <Name>Mr Aconex Administrator</Name>
      <UserId>1</UserId>
    </Assignee>
    <Assignee>
      <OrganizationId>1879053758</OrganizationId>
      <OrganizationName>Pavan's Org</OrganizationName>
      <Name>Mr Pavan Vuppala</Name>
      <UserId>1879054527</UserId>
    </Assignee>
    <Assignee>
      <OrganizationId>1879053759</OrganizationId>
      <OrganizationName>Praveen's Org</OrganizationName>
      <Name>Mr Praveen Kumar</Name>
      <UserId>1879054528</UserId>
    </Assignee>
    <Assignee>
      <OrganizationId>1879053760</OrganizationId>
      <OrganizationName>Sunil's org</OrganizationName>
      <Name>Mr Test1 Sunil</Name>
      <UserId>1879054530</UserId>
    </Assignee>
    <Assignee>
      <OrganizationId>1879053823</OrganizationId>
```

```

    <OrganizationName>APIORG</OrganizationName>
    <Name>Mrs test Apiorg</Name>
    <UserId>1879054650</UserId>
  </Assignee>
  <Assignee>
    <OrganizationId>1879053200</OrganizationId>
    <OrganizationName>test_org</OrganizationName>
    <Name> test1 test</Name>
    <UserId>1879053205</UserId>
  </Assignee>
  <Assignee>
    <OrganizationId>1879053759</OrganizationId>
    <OrganizationName>Praveen's Org</OrganizationName>
    <Name> test<lt; comparator>></Name>
    <UserId>1879054541</UserId>
  </Assignee>
</Assignees>
<Comments> </Comments>
<DateCompleted>2025-07-31T10:31:29.788Z</DateCompleted>
<DateDue>2025-08-01T10:27:29.954Z</DateDue>
<DateIn>2025-07-31T10:27:30.023Z</DateIn>
<DaysLate>0</DaysLate>
<DocumentNumber>1004</DocumentNumber>
<DocumentRevision>1</DocumentRevision>
<DocumentTitle>test5 - Copy (2) - Copy.pdf</DocumentTitle>
<DocumentTrackingId>271341877549092765</DocumentTrackingId>
<DocumentVersion>6</DocumentVersion>
<Duration>1.0</Duration>
<FileName>test5 - Copy (2) - Copy.pdf</FileName>
<FileSize>953</FileSize>
<Initiator>
  <OrganizationId>1879053767</OrganizationId>
  <OrganizationName>Vidhuy's org</OrganizationName>
  <Name> Vidhyullatha Perla</Name>
  <UserId>1879054538</UserId>
</Initiator>
<OriginalDueDate>2025-08-01T10:27:29.954Z</OriginalDueDate>
<ReasonForIssue>Issued for Bid</ReasonForIssue>
<Reviewer>
  <OrganizationId>1</OrganizationId>
  <OrganizationName>Aconex Administration</OrganizationName>
  <Name>Mr Aconex Administrator</Name>
  <UserId>1</UserId>
</Reviewer>
<StepName>s1</StepName>
<StepOutcome>Approved</StepOutcome>
<StepStatus>Completed</StepStatus>
<WorkflowName>test template with more users</WorkflowName>
<WorkflowNumber>WF-000021</WorkflowNumber>
<WorkflowStatus>Completed</WorkflowStatus>
<WorkflowTemplate>test template with more users</WorkflowTemplate>
</Workflow>
</SearchResults>
</WorkflowSearch>

```

## Error Codes Specific to the Service

INVALID_PARAMETER_VALUE	If a value for a provided parameter is not valid in anyway or unexpected	400
USER_NOT_ON_PROJECT	If the authorizing user is not on the given project	401

## Prerequisites

### Required Permissions

### Constraints

The request will fail if the specified project is in any of the following states:

- De-activated
- Disconnected

The request will also fail if the authorizing user does not have access to the specified project.

## Related APIs

- Search Workflows Of Project
- Search Workflows Initiated By User's Organization
- Search Workflows Not Initiated By User's Organization
- Search Workflows Assigned to User's Organization

- Search Workflows Not Assigned to User's Organization
- Search Workflows By Status
- Search Workflows By Status And Initiated By User's Organization
- Search Workflows By Status And Not Initiated By User's Organization
- Search Workflows By Status And Assigned To User's Organization
- Search Workflows By Status And Not Assigned To User's Organization

## Copy Workflow Templates

This service copies workflow templates from source project to one or more target projects

URL structure

### HTTP POST - Copy Workflow Templates

```
HTTP POST: https://{LOCAL_HOST}/api/workflowTemplates
```

### Input Payload Template

#### Input Payload template to Copy Workflow Template

```
{
  "templateName": ,
  "sourceProjectId": ,
  "targetProjectIds": []
}
```

Cardinality refers to the number of repetitions a field can have. A cardinality that allows zero (0) means the field is optional, and may not appear in the response.

Element	Type(maxlength)	Cardinality		Notes
<i>templateName</i>	Attribute String	1	<ul style="list-style-type: none"> <li>• It is mandatory</li> <li>• Max length 300</li> </ul>	templateName is mandatory
<i>sourceProjectId</i>	Attribute Long	1	<ul style="list-style-type: none"> <li>• It is mandatory</li> </ul>	sourceProjectId is mandatory
<i>targetProjectIds</i>	Attribute List<Long>	1	<ul style="list-style-type: none"> <li>• It is mandatory</li> </ul>	targetProjectIds can be one or more

### Expected Response

Cardinality refers to the number of repetitions a field can have. A cardinality that allows zero (0) means the field is optional, and may not appear in the response.

The number of \*'s indicate the parent-child depth.

Element	Type(maxlength)	Cardinality	Notes
---------	-----------------	-------------	-------

A response body as follows is generated:

```

{
  "sourceProjectId": 1879048434,
  "templateName": "WTT_Test1",
  "targetProjectIdsFromUser": [
    1879048400
  ],
  "errorMessage": null,
  "templateStatusDtos": {
    "1879048400": {
      "errorMessage": null,
      "copied": true
    }
  },
  "status": 200
}

```

with HTTP status code **200 OK**

## Examples/Samples

### Sample Request

- Copy workflow template to a project  
**Sample request for copying a workflow template to one or more projects**

```
https://au1.aconex.com/api/workflowTemplates
```

### Request Body -Json

```

{
  "templateName": "WTT_Test1",
  "sourceProjectId": 1879048434,
  "targetProjectIds": [1879048400]
}

```

or

```

{
  "templateName": "WTT_Test1",
  "sourceProjectId": 1879048434,
  "targetProjectIds": [1879048400, 1879048401]
}

```

**Sample Response** with HTTP status code **200 OK**

## Error Codes Specific to the Service

Status Code	Description	HTTP Status Code
LOGIN_FAILED	Login failed - username or password incorrect	401 Unauthorized
UNAUTHORIZED_USER	USER not permitted to use API	400 Bad Request
INVALID_SOURCE_PROJECT_ID	Source Project ID does not exist or project does not belong to same organisation as User.	400 Bad Request
INVALID_TEMPLATE_NAME	Workflow template with given name is either deleted or does not exist or template belongs to different organisation.	400 Bad Request
INVALID_TARGET_PROJECT_IDS	None of the target project IDs are valid. They either don't exist or belong to different organisation.	400 Bad Request

## Get Supplementary Files

# Get Supplementary Files

The service retrieves metadata for all supplementary files attached to the workflow batch that contains the specified workflow queue. Use the SupplementaryFileId values returned by this service when downloading an individual supplementary file.

## URL structure

HTTP GET: [https://{hostname}/api/projects/{project\\_id}/workflows/{workflow\\_id}/supplementary-files?{parameters}](https://{hostname}/api/projects/{project_id}/workflows/{workflow_id}/supplementary-files?{parameters})

## Parameters

Parameters	Type	Cardinality	Notes
project_id	Integer	1	The ID of the project whose workflow supplementary files will be returned.
workflow_id	Long(64 bit)	1	The workflow queue ID for a queue in the workflow batch.
effective_user	String	0..1	The effective user for the API request, when required by the integration.

## Interface

### Request Fields

Not Applicable. HTTP GET operations have no request body.

### Sample request

<https://au1.aconex.com/api/projects/1879048400/workflows/271341877549205188/supplementary-files>

### Response Fields

Cardinality refers to the number of repetitions a field can have. A cardinality that allows zero (0) means the field is optional, and may not appear in the response. The number of \*'s indicate the parent-child depth.

Element	Type	Cardinality	Notes
WorkflowSupplementaryFiles	Group	1	Root response element.
TotalCount	Integer	1	The number of supplementary files returned.
* SupplementaryFile	Group	0..n	A supplementary file attached to the workflow batch.
** SupplementaryFileId	Long(64 bit)	1	The unique ID of the supplementary file.
** FileName	String	0..1	The file name.
** FileType	String	0..1	The file type or extension.
** FileSize	String	0..1	The display file size.
** Comments	String	0..1	Comments entered when the supplementary file was attached.
** AttachedBy	String	0..1	The user who attached the supplementary file.
** AttachedOn	String	0..1	The date and time when the file was attached. ISO-8601 extended format.

### Sample response

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<WorkflowSupplementaryFiles>
  <TotalCount>2</TotalCount>
  <SupplementaryFile>
    <SupplementaryFileId>271341877549300001</SupplementaryFileId>
    <FileName>review-notes.pdf</FileName>
    <FileType>pdf</FileType>
    <FileSize>126 KB</FileSize>
    <Comments>Review notes for approval workflow</Comments>
    <AttachedBy>Patrick O'Leary</AttachedBy>
    <AttachedOn>2025-08-01T10:17:13.980Z</AttachedOn>
  </SupplementaryFile>
</WorkflowSupplementaryFiles>
```

## Error Codes Specific to the Service

Status Code	Description	HTTP Status Code
INVALID_PARAMETER_VALUE	If a value for a provided parameter is not valid in anyway or unexpected.	400 Bad Request
USER_NOT_ON_PROJECT	If the authorizing user is not on the given project.	401 Unauthorized
UNAUTHORIZED_USER	If the authorizing user cannot access the workflow supplementary file metadata.	401 Unauthorized

## Required Permissions

The authorizing user must be able to access the workflow as a reviewer or initiator, or belong to the same organization as an authorized reviewer or initiator.

## Download Supplementary File

## Download Supplementary File

The service downloads a single supplementary file attached to the workflow batch that contains the specified workflow queue.

## URL structure

HTTP GET: [https://{hostname}/api/projects/{project\\_id}/workflows/{workflow\\_id}/supplementary-files/{supplementary\\_file\\_id}/download?{parameters}](https://{hostname}/api/projects/{project_id}/workflows/{workflow_id}/supplementary-files/{supplementary_file_id}/download?{parameters})

## Parameters

Parameters	Type	Cardinality	Notes
project_id	Integer	1	The ID of the project whose workflow supplementary file will be downloaded.
workflow_id	Long(64 bit)	1	The workflow queue ID for a queue in the workflow batch.
supplementary_file_id	Long(64 bit)	1	The ID of the supplementary file to download.
effective_user	String	0..1	The effective user for the API request, when required by the integration.
sizeForceFetch	Boolean	0..1	Defaults to false. If true, the service fetches the file size from storage when required.
chunkedResponse	Boolean	0..1	Defaults to false. If true, the service returns a chunked download response.

## Request Fields

Not Applicable. HTTP GET operations have no request body.

## Sample request

<https://au1.aconex.com/api/projects/1879048400/workflows/271341877549205188/supplementary-files/271341877549300001/download>

## Response Fields

The response body contains the binary file stream. The service returns application/octet-stream and includes the supplementary file name in the download response headers.

## Error Codes Specific to the Service

Status Code	Description	HTTP Status Code
INVALID_PARAMETER_VALUE	If a value for a provided parameter is not valid in anyway or unexpected.	400 Bad Request
USER_NOT_ON_PROJECT	If the authorizing user is not on the given project.	401 Unauthorized
UNAUTHORIZED_USER	If the authorizing user is not a reviewer who can access the API	401 Unauthorized

## Required Permissions

The authorizing user must be a reviewer with access to a current or completed queue in the workflow batch.

---

## Download Supplementary Files As Zip

## Download Supplementary Files As Zip

The service downloads all supplementary files attached to the workflow batch that contains the specified workflow queue as a single ZIP file.

## URL structure

HTTP GET: [https://{hostname}/api/projects/{project\\_id}/workflows/{workflow\\_id}/supplementary-files/bulk-download?\(parameters\)](https://{hostname}/api/projects/{project_id}/workflows/{workflow_id}/supplementary-files/bulk-download?(parameters))

## Parameters

Parameters	Type	Cardinality	Notes
project_id	Integer	1	The ID of the project whose workflow supplementary files will be downloaded.
workflow_id	Long(64 bit)	1	The workflow queue ID for a queue in the workflow batch.
effective_user	String	0..1	The effective user for the API request, when required by the integration.

## Request Fields

Not Applicable. HTTP GET operations have no request body.

## Sample request

<https://au1.aconex.com/api/projects/1879048400/workflows/271341877549205188/supplementary-files/bulk-download>

## Response Fields

The response body contains the binary ZIP file stream. The ZIP file name is generated from the workflow batch name when available, otherwise from the workflow batch ID.

## Error Codes Specific to the Service

Status Code	Description	HTTP Status Code
INVALID_PARAMETER_VALUE	If a value for a provided parameter is not valid in anyway or unexpected.	400 Bad Request

USER_NOT_ON_PROJECT	If the authorizing user is not on the given project.	401 Unauthorized
UNAUTHORIZED_USER	If the authorizing user is not a reviewer who can access the workflow supplementary files.	401 Unauthorized

## Required Permissions

The authorizing user must be a reviewer with access to a current or completed queue in the workflow batch.

## Constraints

The request will fail if there are no supplementary files attached to the workflow batch.