



Workflows API Developer Guide

Aconex Workflow Services

Aconex Workflow APIs

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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://au1.aconex.com/api/projects/1879048400/workflows?updated_after=2020-07-01T03:00:00Z&updated_before=2021-07-30T03:00:00Z&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-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>
    </Workflow>
  </SearchResults>
</WorkflowSearch>
```

```

<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-ddT'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>
    </Workflow>
  </SearchResults>
</WorkflowSearch>
```

```
<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://au1.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>
      <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://au1.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-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>
    </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://au1.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://au1.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>
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  <FileSize>374921</FileSize>
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    <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>
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<DateDue>2021-07-20T00:48:42.123Z</DateDue>
<DateIn>2021-07-19T00:48:42.197Z</DateIn>
<DaysLate>2</DaysLate>
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<DocumentVersion>13</DocumentVersion>
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<FileName>N05-034_A700-3.pdf</FileName>
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  <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://au1.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-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>
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          <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>
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        <Name>Mr Patrick O'Leary</Name>
        <UserId>1879049107</UserId>
      </Initiator>
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      <ParentWorkflowId>1879050805</ParentWorkflowId>
      <ReasonForIssue>Issued for Information</ReasonForIssue>
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      <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>
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          <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>
```

```

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  <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>
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<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>
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    <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>
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        <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>
```

```

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    <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>
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<WorkflowTemplate>patrick-only-internal</WorkflowTemplate>
</Workflow>
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      <OrganizationName>Majestic Project & Construction Management Limited</OrganizationName>
      <Name>Mr Patrick O'Leary</Name>
      <UserId>1879049107</UserId>
    </Assignee>
  </Assignees>
  <Comments></Comments>
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  <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>
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  <FileSize>420387</FileSize>
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    <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://au1.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

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
templateName	Attribute String	1	- It is mandatory - Max length 300	templateName is mandatory
sourceProjectId	Attribute Long	1	It is mandatory	sourceProjectId is mandatory
targetProjectIds	Attribute List<Long>	1	It is mandatory	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