
layout: page
title: "Queries"
author: alexander-hjelm_solidify
last_updated: 2022-07-01
search_exclude: false

The SyncHub query adapters migrates the following resources between ADO organizations:

- Shared Queries
 - Work Item Filters

Notes:

- Personal queries (My Queries) are not migrated.
- Query results are not migrated.

Permissions

- **required PAT scopes:** Work Items (Read, write & manage)

Export: Sample config

Command

```
.\synchub.exe run -n "Query-Export" -v "V1" --config C:\Temp\synchub-configs\config-query-export.json -u alexander.hjelm@solidify.dev -p XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX --license-file C:\path\to\license-file.json
```

Configuration

```
{
  "configuration": {
    {
      "source": "https://dev.azure.com/solidifydemo",
      "target": "C:\\Temp\\Queries",
      "ProjectName": "ContosoAir",
      "apiVersion": "6.0"
    }
  }
}
```

How to map WIT Fields

All you need is to create a `WiqlFieldMapping` CSV mapping file and point to it in the config. The adapter will map the WIT fields inside the query `wiql`, columns and clauses.

Example mapping `WiqlFieldMapping`:

```
System.Description,Microsoft.VSTS.TCM.ReproSteps
System.MyCustomField1,System.MyCustomField2
System.MyCustomField3,System.MyCustomField4
System.MyCustomField5,System.MyCustomField6
```

Import: Sample config

Command

```
.\synchub.exe run -n "Query-Import" -v "V1" --config C:\Temp\synchub-configs\config-query-import.json -u alexander.hjelm@solidify.dev -p XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX --license-file C:\path\to\license-file.json
```

Configuration

```
{
  "target": "https://dev.azure.com/alexanderhjelmsolidify",
  "SourceFilePath": "C:\\Temp\\Queries",
  "sourceProject": "testprojectTarget",
  "targetProject": "testproject",
  "AreaPathMapping": "C:\\Temp\\synchub-cli-smoke-tests\\mappings\\areapath_map.csv",
  "IterationPathMapping": "C:\\Temp\\synchub-cli-smoke-tests\\mappings\\iterationpath_map.csv",
  "IdentityMapping": "__workspace__/mappings/identity_map.csv",
  "TeamMapping": "__workspace__/mappings/team_map.csv",
  "WiqlFieldMapping": "C:\\Temp\\MigrationWorkspace\\mappings\\wiql_field_map.csv",
  "apiVersion": "6.0"
}
```

Mappings

- **WiqlFieldMapping:** In this mapping file, specify what fields inside the query WIQL should be transformed. Useful if you get errors about missing columns. For example:

```
Custom.MyFieldSource1,Custom.MyFieldTarget1
Custom.MyFieldSource2,Custom.MyFieldTarget2
Custom.MyFieldSource3,Custom.MyFieldTarget3
```

JSON examples

Query

```
{
  "id": "342f0f44-4069-46b1-a940-3d0468979ceb",
  "name": "Active Bugs",
  "path": "Shared Queries/Website/Active Bugs",
  "createdBy": {
    "displayName": "Jamal Hartnett",
    "url": "https://vssps.dev.azure.com/fabrikam/_apis/Identities/d291b0c4-a05c-4ea6-8df1-4b41d5f39eff",
    "_links": {
      "avatar": {
        "href":
"https://dev.azure.com/mseng/_apis/GraphProfile/MemberAvatars/aad.YTkzODFkODYtNTYxYS03ZDdiLWJjM2QtZDUzMj1lMjM5OTAz"
      }
    },
  },
  "id": "d291b0c4-a05c-4ea6-8df1-4b41d5f39eff",
  "uniqueName": "fabrikamfiber4@hotmail.com",
  "imageUrl": "https://dev.azure.com/fabrikam/_api/_common/identityImage?id=d291b0c4-a05c-4ea6-8df1-4b41d5f39eff",
  "descriptor": "aad.YTkzODFkODYtNTYxYS03ZDdiLWJjM2QtZDUzMj1lMjM5OTAz"
},
"createdDate": "2014-03-18T17:18:36.06Z",
"lastModifiedBy": {
  "displayName": "Jamal Hartnett",
  "url": "https://vssps.dev.azure.com/fabrikam/_apis/Identities/d291b0c4-a05c-4ea6-8df1-4b41d5f39eff",
  "_links": {
    "avatar": {
      "href":
"https://dev.azure.com/mseng/_apis/GraphProfile/MemberAvatars/aad.YTkzODFkODYtNTYxYS03ZDdiLWJjM2QtZDUzMj1lMjM5OTAz"
    }
  },
},
  "id": "d291b0c4-a05c-4ea6-8df1-4b41d5f39eff",
  "uniqueName": "fabrikamfiber4@hotmail.com",
  "imageUrl": "https://dev.azure.com/fabrikam/_api/_common/identityImage?id=d291b0c4-a05c-4ea6-8df1-4b41d5f39eff",
  "descriptor": "aad.YTkzODFkODYtNTYxYS03ZDdiLWJjM2QtZDUzMj1lMjM5OTAz"
},
"lastModifiedDate": "2014-03-18T17:18:36.06Z",
"lastExecutedBy": {
  "displayName": "Jamal Hartnett",
  "url": "https://vssps.dev.azure.com/fabrikam/_apis/Identities/d291b0c4-a05c-4ea6-8df1-4b41d5f39eff",
  "_links": {
```

```
    "avatar": {
      "href":
"https://dev.azure.com/mseng/_apis/GraphProfile/MemberAvatars/aad.YTkzODFkODYtNTYxYS03ZDdlLWJjM2QtZDUzMjllMjM5OTAz"
    }
  },
  "id": "d291b0c4-a05c-4ea6-8df1-4b41d5f39eff",
  "uniqueName": "fabrikamfiber4@hotmail.com",
  "imageUrl": "https://dev.azure.com/fabrikam/_api/_common/identityImage?id=d291b0c4-a05c-4ea6-8df1-4b41d5f39eff",
  "descriptor": "aad.YTkzODFkODYtNTYxYS03ZDdlLWJjM2QtZDUzMjllMjM5OTAz"
},
"lastExecutedDate": "2014-03-18T17:19:36.06Z",
"isDeleted": true,
"isPublic": false,
"_links": {
  "self": {
    "href": "https://dev.azure.com/fabrikam/6ce954b1-celf-45d1-b94d-e6bf2464ba2c/_apis/wit/queries/342f0f44-4069-46b1-a940-3d0468979ceb"
  },
  "html": {
    "href": "https://dev.azure.com/fabrikam/web/qr.aspx?pguid=6ce954b1-celf-45d1-b94d-e6bf2464ba2c&qid=342f0f44-4069-46b1-a940-3d0468979ceb"
  },
  "parent": {
    "href": "https://dev.azure.com/fabrikam/6ce954b1-celf-45d1-b94d-e6bf2464ba2c/_apis/wit/queries/8a8c8212-15ca-41ed-97aa-1d6fbfbcd581"
  },
  "wiql": {
    "href": "https://dev.azure.com/fabrikam/6ce954b1-celf-45d1-b94d-e6bf2464ba2c/_apis/wit/wiql/342f0f44-4069-46b1-a940-3d0468979ceb"
  }
},
"url": "https://dev.azure.com/fabrikam/6ce954b1-celf-45d1-b94d-e6bf2464ba2c/_apis/wit/queries/342f0f44-4069-46b1-a940-3d0468979ceb"
}
```