
layout: page
title: "Dashboards"
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last_updated: 2022-07-01
search_exclude: false

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

- Dashboards (both project and team levels)
- Widgets

Note that **Custom widgets** are not officially supported. You may run into issues when importing some 3rd party widgets that require additional resources to be mapped.

Notes:

- The dashboard importer requires that all teams exist in the target organization, as the teams are mapped by name.

Prerequisites/dependencies

To support all out-of-the-box widgets, the following resources need to be imported before the dashboards are imported:

- build definitions
- release definitions
- environments
- projects
- queries
- teams
- test plans
- test suites

For each of these resources, you must create a mapping file between the source and target AzDO organizations. See the [devops-as-a-service-scripts](#) repository for the mapper scripts in python.

Permissions

- required PAT scopes:
 - Team Dashboard (Read & manage)

Export: Sample config

Command

```
.\synchub.exe run -n "Dashboard-Export" -v "V1" --config C:\Temp\synchub-configs\config-dashboard-import.json -u alexander.hjelm@solidify.dev -p XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX --license-file C:\path\to\license-file.json
```

Configuration

```
{
  "configuration":
  {
    "source": "https://dev.azure.com/solidifydemo",
    "ProjectName": "ContosoAir",
    "target": "C:\\Temp\\Dashboard",
    "apiVersion": "6.0-preview.3"
  }
}
```

Import: Sample config

Command

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

Configuration

```
{
  "source": "https://dev.azure.com/solidifydemo",
  "target": "https://dev.azure.com/solidifydemo",
  "SourceFilePath": "C:\\Temp\\Dashboard",
  "SourceOrgName": "solidifydemo",
  "SourceProject": "ContosoAir",
  "TargetProject": "ContosoAir-Target",
  "onPrem": false,
  "BuildDefinitionMapping": "C:\\Temp\\synchub-configs\\ContosoAirMappings\\builddef_map.csv",
  "EnvironmentMapping": "C:\\Temp\\synchub-configs\\ContosoAirMappings\\environment_map.csv",
  "ProjectMapping": "C:\\Temp\\synchub-configs\\ContosoAirMappings\\project_map.csv",
  "QueryMapping": "C:\\Temp\\synchub-configs\\ContosoAirMappings\\query_map.csv",
  "ReleaseDefinitionMapping": "C:\\Temp\\synchub-configs\\ContosoAirMappings\\builddef_map.csv",
  "TeamMapping": "C:\\Temp\\synchub-configs\\ContosoAirMappings\\team_map.csv",
  "IdentityMapping": "C:\\Temp\\synchub-configs\\ContosoAirMappings\\identity_map.csv",
  "TestPlanMapping": "C:\\Temp\\synchub-configs\\ContosoAirMappings\\testplan_map.csv",
  "TestSuiteMapping": "C:\\Temp\\synchub-configs\\ContosoAirMappings\\testsuite_map.csv",
  "apiVersion": "6.0-preview.3"
}
```

JSON examples

Dashboard

```
{
  "name": "Help desk",
  "description": "",
  "refreshInterval": 0,
  "position": 2,
  "eTag": "16",
  "widgets": [
    {
      "name": "Markdown",
      "position": {
        "row": 1,
        "column": 1
      },
      "size": {
        "rowSpan": 1,
        "columnSpan": 2
      },
      "settings": "##### Status for the support team\nAdd content using the markdown widget.\n\n**Bold**\n\n *Italic*\n\n [Live sute]()",
      "settingsVersion": {
        "major": 1,
        "minor": 0,
        "patch": 0
      },
      "artifactId": "",
      "url": "https://dev.azure.com/solidifydemo/_apis/Dashboard/dashboards/Widgets/5459e834-8d0d-4569-a26a-20fed5c80cc7",
      "_links": {
        "self": {
          "href": "https://dev.azure.com/solidifydemo/_apis/Dashboard/dashboards/Widgets/5459e834-8d0d-4569-a26a-20fed5c80cc7"
        },
        "group": {
          "href": "https://dev.azure.com/solidifydemo/_apis/Dashboard/dashboards/Widgets"
        },
        "dashboard": {
          "href": "https://dev.azure.com/solidifydemo/ContosoAir/6c34dd5a-bdef-4533-8802-03921dc7745c/_apis/Dashboard/Dashboards/18f42004-a526-4add-b81f-1e9da5f0965c"
        }
      },
      "isEnabled": true,
      "contentUri": null,
    }
  ]
}
```

```

        "contributionId": "ms.vss-dashboards-web.Microsoft.VisualStudioOnline.Dashboards.MarkdownWidget",
        "typeId": "Microsoft.VisualStudioOnline.Dashboards.MarkdownWidget",
        "configurationContributionId": "ms.vss-dashboards-
web.Microsoft.VisualStudioOnline.Dashboards.MarkdownWidget.Configuration",
        "configurationContributionRelativeId":
"Microsoft.VisualStudioOnline.Dashboards.MarkdownWidget.Configuration",
        "isNameConfigurable": false,
        "loadingImageUrl": "https://dev.azure.com/solidifydemo/_static/Widgets/markdownLoading.png",
        "lightboxOptions": {
            "width": 600,
            "height": 500,
            "resizable": true
        }
    },
    {
        "name": "Bugs last 7d - Chart",
        "position": {
            "row": 1,
            "column": 4
        },
        "size": {
            "rowSpan": 2,
            "columnSpan": 2
        },
        "settings": "{\"chartId\":\"8abf6edc-829c-404c-a019-147648e2c275\"}",
        "settingsVersion": {
            "major": 1,
            "minor": 0,
            "patch": 0
        },
        "artifactId": "",
        "url": "https://dev.azure.com/solidifydemo/_apis/Dashboard/dashboards/Widgets/0c960dc0-1c36-4273-
b225-55adb09f205e",
        "_links": {
            "self": {
                "href": "https://dev.azure.com/solidifydemo/_apis/Dashboard/dashboards/Widgets/0c960dc0-1c36-
4273-b225-55adb09f205e"
            },
            "group": {
                "href": "https://dev.azure.com/solidifydemo/_apis/Dashboard/dashboards/Widgets"
            },
            "dashboard": {
                "href": "https://dev.azure.com/solidifydemo/ContosoAir/6c34dd5a-bdef-4533-8802-
03921dc7745c/_apis/Dashboard/Dashboards/18f42004-a526-4add-b81f-1e9da5f0965c"
            }
        },
        "isEnabled": true,
        "contentUri": null,
        "contributionId": "ms.vss-dashboards-web.Microsoft.VisualStudioOnline.Dashboards.WitChartWidget",
        "typeId": "Microsoft.VisualStudioOnline.Dashboards.WitChartWidget",
        "configurationContributionId": "ms.vss-dashboards-
web.Microsoft.VisualStudioOnline.Dashboards.WitChartWidget.Configuration",
        "configurationContributionRelativeId":
"Microsoft.VisualStudioOnline.Dashboards.WitChartWidget.Configuration",
        "isNameConfigurable": true,
        "loadingImageUrl": "https://dev.azure.com/solidifydemo/_static/Widgets/ChartLoading.png",
        "lightboxOptions": {
            "width": 900,
            "height": 700,
            "resizable": true
        }
    },
    {
        "eTag": "1",
        "name": "Query Results",
        "position": {
            "row": 3,
            "column": 4
        },
    },

```

```
    "size": {
      "rowSpan": 2,
      "columnSpan": 3
    },
    "settings": null,
    "settingsVersion": {
      "major": 1,
      "minor": 0,
      "patch": 0
    },
    "artifactId": "",
    "url": "https://dev.azure.com/solidifydemo/_apis/Dashboard/dashboards/Widgets/714d2f42-3ad8-4f5b-9d1e-76a38e6d2dc8",
    "_links": {
      "self": {
        "href": "https://dev.azure.com/solidifydemo/_apis/Dashboard/dashboards/Widgets/714d2f42-3ad8-4f5b-9d1e-76a38e6d2dc8"
      },
      "group": {
        "href": "https://dev.azure.com/solidifydemo/_apis/Dashboard/dashboards/Widgets"
      },
      "dashboard": {
        "href": "https://dev.azure.com/solidifydemo/ContosoAir/6c34dd5a-bdef-4533-8802-03921dc7745c/_apis/Dashboard/Dashboards/18f42004-a526-4add-b81f-1e9da5f0965c"
      }
    },
    "isEnabled": true,
    "contentUri": null,
    "contributionId": "ms.vss-mywork-web.Microsoft.VisualStudioOnline.MyWork.WitViewWidget",
    "typeId": "Microsoft.VisualStudioOnline.MyWork.WitViewWidget",
    "configurationContributionId": "ms.vss-mywork-web.Microsoft.VisualStudioOnline.MyWork.WitViewWidget.Configuration",
    "configurationContributionRelativeId": "Microsoft.VisualStudioOnline.MyWork.WitViewWidget.Configuration",
    "isNameConfigurable": true,
    "loadingImageUrl": "https://dev.azure.com/solidifydemo/_static/MyWork/queryResultsLoading.png",
    "lightboxOptions": {
      "width": 900,
      "height": 700,
      "resizable": true
    }
  },
  {
    "name": "Cumulative Flow Diagram (CFD)",
    "position": {
      "row": 2,
      "column": 1
    },
    "size": {
      "rowSpan": 2,
      "columnSpan": 3
    },
    "settings": null,
    "settingsVersion": {
      "major": 1,
      "minor": 0,
      "patch": 0
    },
    "artifactId": "",
    "url": "https://dev.azure.com/solidifydemo/_apis/Dashboard/dashboards/Widgets/eb067639-73a6-4ca6-8f4b-aa7aafd7830c",
    "_links": {
      "self": {
        "href": "https://dev.azure.com/solidifydemo/_apis/Dashboard/dashboards/Widgets/eb067639-73a6-4ca6-8f4b-aa7aafd7830c"
      },
      "group": {
        "href": "https://dev.azure.com/solidifydemo/_apis/Dashboard/dashboards/Widgets"
      }
    },
  },
```

```
        "dashboard": {
            "href": "https://dev.azure.com/solidifydemo/ContosoAir/6c34dd5a-bdef-4533-8802-03921dc7745c/_apis/Dashboard/Dashboards/18f42004-a526-4add-b81f-1e9da5f0965c"
        },
    },
    "isEnabled": true,
    "contentUri": null,
    "contributionId": "ms.vss-dashboards-
web.Microsoft.VisualStudioOnline.Dashboards.CumulativeFlowDiagramWidget",
    "typeId": "Microsoft.VisualStudioOnline.Dashboards.CumulativeFlowDiagramWidget",
    "configurationContributionId": "ms.vss-dashboards-
web.Microsoft.VisualStudioOnline.Dashboards.CumulativeFlowDiagramWidget.Configuration",
    "configurationContributionRelativeId":
"Microsoft.VisualStudioOnline.Dashboards.CumulativeFlowDiagramWidget.Configuration",
    "isNameConfigurable": true,
    "loadingImageUrl": "https://dev.azure.com/solidifydemo/_static/Widgets/cfdLoading.png",
    "lightboxOptions": {
        "width": 900,
        "height": 700,
        "resizable": true
    }
}
],
"groupId": "6c34dd5a-bdef-4533-8802-03921dc7745c",
"ownerId": "6c34dd5a-bdef-4533-8802-03921dc7745c",
"dashboardScope": "project_Team",
"url": "https://dev.azure.com/solidifydemo/ContosoAir/6c34dd5a-bdef-4533-8802-03921dc7745c/_apis/Dashboard/Dashboards/18f42004-a526-4add-b81f-1e9da5f0965c",
"_links": {
    "self": {
        "href": "https://dev.azure.com/solidifydemo/ContosoAir/6c34dd5a-bdef-4533-8802-03921dc7745c/_apis/Dashboard/Dashboards/18f42004-a526-4add-b81f-1e9da5f0965c"
    },
    "group": {
        "href": "https://dev.azure.com/solidifydemo/ContosoAir/6c34dd5a-bdef-4533-8802-03921dc7745c/_apis/Dashboard/Dashboards"
    },
    "widget": [
        {
            "href": "https://dev.azure.com/solidifydemo/_apis/Dashboard/dashboards/Widgets/5459e834-8d0d-4569-a26a-20fed5c80cc7"
        },
        {
            "href": "https://dev.azure.com/solidifydemo/_apis/Dashboard/dashboards/Widgets/0c960dc0-1c36-4273-b225-55adb09f205e"
        },
        {
            "href": "https://dev.azure.com/solidifydemo/_apis/Dashboard/dashboards/Widgets/714d2f42-3ad8-4f5b-9dle-76a38e6d2dc8"
        },
        {
            "href": "https://dev.azure.com/solidifydemo/_apis/Dashboard/dashboards/Widgets/eb067639-73a6-4ca6-8f4b-aa7aafd7830c"
        }
    ]
}
}
```