layout: page
title: "Artifacts"
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The SyncHub artifact adapters migrate the following resources between ADO organizations:

- All **project scoped artifacts** for an AzDO project, including:

  - Feeds
  - Feed settings

    - Retention policies
    - Package sharing
    - Upstream sources

  - Organization scoped feeds
  - Various package frameworks:

    - NuGet
    - npm
    - Universal
    - Python (export only)

The following data is not migrated as of today:

- Maven packages
- Python packages (import)

Note: the artifact Export/Import adapters do not support older versions of **TFS Server (on-prem)**

Permissions

- **required PAT scopes**:

  - Packaging (Read, write & manage)

- Contributor permission over the desired feed(s)

Export: Sample config

Command

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

Configuration

```
{
  "configuration":
  {
    "source": "https://dev.azure.com/solidifydemo",
    "orgName": "solidifydemo",
    "ProjectName": "ContosoAir",
    "target": "C:\\Temp\\Workspace",
    "onPrem": true,
    "apiVersion": "6.0-preview.1",
    "orgScoped": false
  }
}
```

Import: Sample config

Command

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

Configuration

```
{
    "target": "https://dev.azure.com/solidifydemo",
    "SourceFilePath": "C:\\Temp\\Workspace\\ContosoAir/Artifacts",
    "SourceProject": "ContosoAir",
    "TargetProject": "ContosoAirNew",
    "OrgName": "solidifydemo",
    "AppendGuidToFeedNameOnConflict": true,
    "OnPrem": true,
    "orgScoped": false,
    "apiVersion": "6.0-preview.1"
}
```

Feature flags

- **AppendGuidToFeedNameOnConflict**: [true/false]
    - if `true`, whenever a feed fails to import due to a conflict with an already existing feed (sharing the same name), the incoming feed will instead be created with the **original name + a random GUID**, to avoid name conflicts. The conflicting feed will be preserved.
    - if `false`, whenever a feed fails to import due to a conflict with an already existing feed, the incoming feed will be skipped.

JSON examples

Feed

```
    "target": "https://dev.azure.com/solidifydemo",
    "SourceFilePath": "C:\\Temp\\Workspace\\ContosoAir/Artifacts",
```

```json
{
  "description": null,
  "url": "https://feeds.dev.azure.com/solidifydemo/26010eaa-cc57-40e4-ae7b-
f536b311a551/_apis/Packaging/Feeds/81062ad9-f7ca-41e3-a490-098b904753c6",
  "_links": {
    "self": {
      "href": "https://feeds.dev.azure.com/solidifydemo/26010eaa-cc57-40e4-ae7b-
f536b311a551/_apis/Packaging/Feeds/81062ad9-f7ca-41e3-a490-098b904753c6"
    },
    "packages": {
      "href": "https://feeds.dev.azure.com/solidifydemo/26010eaa-cc57-40e4-ae7b-
f536b311a551/_apis/Packaging/Feeds/81062ad9-f7ca-41e3-a490-098b904753c6/Packages"
    },
    "permissions": {
      "href": "https://feeds.dev.azure.com/solidifydemo/26010eaa-cc57-40e4-ae7b-
f536b311a551/_apis/Packaging/Feeds/81062ad9-f7ca-41e3-a490-098b904753c6/Permissions"
    }
  },
  "hideDeletedPackageVersions": true,
  "defaultViewId": "d3dd13b6-4b0c-4415-b97f-e859d6e824ce",
  "name": "alexander_test_imported",
  "upstreamEnabled": true,
  "viewId": null,
  "viewName": null,
  "fullyQualifiedName": "alexander_test_imported",
  "fullyQualifiedId": "81062ad9-f7ca-41e3-a490-098b904753c6",
  "upstreamSources": [
    {
      "name": "npmjs",
      "protocol": "npm",
      "location": "https://registry.npmjs.org/",
      "displayLocation": "https://registry.npmjs.org/",
      "upstreamSourceType": "public",
      "status": "ok"
    },
    {
      "name": "PyPI",
      "protocol": "pypi",
      "location": "https://pypi.org/",
      "displayLocation": "https://pypi.org/",
      "upstreamSourceType": "public",
      "status": "ok"
    },
    {
      "name": "Maven Central",
      "protocol": "Maven",
      "location": "https://repo.maven.apache.org/maven2/",
      "displayLocation": "https://repo.maven.apache.org/maven2/",
      "upstreamSourceType": "public",
      "status": "ok"
    }
  ],
  "capabilities": "defaultCapabilities",
  "project": {
    "name": "ContosoAir",
    "visibility": "Private"
  }
}
```