

# README (CC Import Tool)

## Release Notes

### Version 1.0.2

- Option to delete Code Center requests
- Summary report at the end of each run that includes:
  - Total metrics for validations, imports
  - Total number of requests/added deleted
  - Total number of failed imports and validations with names.

### Version 1.0.1

- SolEng Common Framework now drives configuration
- Multi-Protex support added
- Simplified usage
- Minor bug fixes
- Please see new usage for details
- Option to turn off and on the validation process.

## Summary

Provides the ability to import all or a specific list of projects from Protex to Code Center.

## USAGE for version 1.X.X and above:

1. Unpack zip and execute the batch or shell script inside the /bin/ directory
2. Provide full path of configuration files or use command line arguments (see below for valid arguments)
3. For multi-protex support, your configuration file must contain the following property:
  - a. server.list.location - This is the name of the server XML file relative to the configuration file.
  - b. server XML file - This is the file that defines your servers, the format of which is defined below.
  - c. Command line driven option does not offer multi-protex support.
4. An example configuration file can be found within the /properties/ directory

## Configuration Options / Command Line

**Note:** Command line format: argument <space> value

Property Name	Command Line Argument	Description	Required
protex.server.name	--p-server	URL of your Protex server	Yes, for single server mode
protex.user.name	--p-username	Protex login name	Yes, for single server mode
protex.password	--p-password	Password for that account	Yes, for single server mode
cc.server.name	--cc-server	URL of your Code Center server	Yes, for single server mode
cc.user.name	--cc-username	Code Center login name	Yes, for single server mode
cc.password	--cc-password	Password for that account	Yes, for single server mode
cc.protex.name	--protex-name	Name of the Protex configuration inside Code Center	Yes, for single server mode
cc.default.app.version	--default-app-version	The version that will be used for newly created application	Yes
cc.workflow	--workflow	Name of the Code Center workflow that will belong to the application	Yes
cc.owner	--owner	The Code Center account that will be assigned to this application	Yes

cc.submit.request	--submit	True/False as to whether the components for your application should be submitted	No
validate.application	--validate	Whether to proceed with validation of newly created application	Yes
protex.project.list	--project	Custom list of projects. Optional version can be added to list: Comma separated pair of name and version. Format <projectName>;<version>,<projectName2>;<version2>,etc	Leave blank for ALL projects
validate.requests.add	N/A	As part of the validation process, enable true if you want components found only in Protex to be added	No
validate.requests.delete	N/A	As part of the validation process, enable true if you want requests found only in Code Center to be deleted	No
server.list.location	N/A	Location of server.xml file	Yes, for multi server mode

### Server List XML Configuration

The XML file should follow the following format

#### Sample Server Configuration

```
<servers>
  <server>
    <alias>Protex7Test</alias>
    <server.name>http://myProtexServer</server.name>
    <user.name>user@blackducksoftware.com</user.name>
    <password>blackduck</password>
    <application>PROTEX</application>
  </server>
  <server>
    <alias>Seneca7</alias>
    <server.name>http://some.other.server/</server.name>
    <user.name>user@blackducksoftware.com</user.name>
    <password>blackduck</password>
    <application>PROTEX</application>
  </server>
  <server>
    <server.name>http://myCodeCenterserver/</server.name>
    <user.name>ccUser</user.name>
    <password>blackduck</password>
    <application>CODECENTER</application>
  </server>
</servers>
```

### USAGE for version .7 and below:

```
java -jar cclmporter.jar [-getProjectList | -importProjectList | -importAllProjects]
```

-getProjectList : Displays a list of projects in Protex assigned to the user

- importProjectList : Imports the projects specified in the context.xml file into Code Center.
- importAllProjects : Imports all user assigned Protex projects into Code Center.

**PRE-REQUISITES:**

- A. Both Protex SDK and Code Center SDK need to be enabled.
- B. Protex server needs to be configured in Code Center.

**C. Update context.xml file:**

1. Update protexSDKClient bean with Protex server URL, username, and password
2. Update codecenterSDK620Client with Code Center URL, username, and password
3. Update importerInputs:

- protexServerName: Name of Protex server association shown in Code Center > Administration > Settings > Protex
- defaultVersion: Version to use if version is not specified in project list
- workflowName: Name of workflow to associate with project
- owner: Username of Code Center application owner
- submitRequest: true/false if component requests should be submitted.

If there are custom required fields or steps in the request process, a true value will cause the import to error.

- protexProjectList: List of Protex projects names to import into Code Center.

The list needs to be delimited by carriage returns (newlines).

An optional version may be specified with each project after a comma (i.e. Project 1, v1.0)

If the version isn't specified, the default version will be used (specified above)

**KNOWN ISSUES:**

- If a Protex project's Bill of Materials contains a component that is a license, the import for that project will fail.
- If the request process in Code Center contains custom required fields, or if the approvers are set at request time, set the submitRequest to false.
- If your requested Protex project is already associated to a different Code Center application, the import will fail.