

# README (CC Import Tool)

## Release Notes

### Version 1.0.4.1

- Smart validate now works for either some or all projects

### Version 1.0.4

- Added "sync report" mode, which compared Protex projects and Code Center applications, and reports on any differences it finds.
- Ignore existing association mode added
- Fix for required cc.protex.name in multi-server mode

### 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
validate.application.smart	N/A	True/False. If true, activates a date checking algorithm that performs a validation <b>only</b> if the Protex Refresh date is newer than the last validation date. This can significantly increase performance as this only performs costly validations against those applications which really need it.	No
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
generate.report	N/A	If set to true, instead of synchronizing Protex and Code Center, the utility generates a report that shows any application/project differences between Code Center and Protex. The report is written to sync_report.xlsx in the working directory from which the utility was run.	No

cc.ignore.associations*	N/A	If set to true, existing associations are ignored during the import process, and no longer throw an error stating that your Protex project is already associated. Instead, the association is looked up and the Code Center application to which your Protex project is associated is to be used instead.	No
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*\*DB access must be granted to the Code Center Server*

## 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 cclImporter.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. **(Fixed as of 1.0.4)**