**JIRA Integration**

**Installation Guide**

**v1.0**

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# **Install Instructions**

1. Save or download the JIRA package file on a machine which as access to CA PPM application.
2. Extract the contents of the compressed file into a desired folder.
3. Login to CA PPM as an admin user with enough privileges to create and update objects, lookups and process through application, XOG and content add-ins.
4. Create a lookup with following values under Administrator-> Lookups

Lookup Name : Jira Issue Type

Id : abz\_jira\_issue\_type

Lookup Value Name : PPM Task

Lookup\_code : ppm\_task

Create all other issue types in Jira environment as Lookup Name and their id as Lookup Code in this lookup

1. Update Values to corresponding lookups under Administrator-> Lookups
   1. Lookup Name : Integration Area

Id : NMC\_INTEGRATION\_AREA

Lookup Value Name : Project Management

Lookup\_code : project\_mgmt

* 1. Lookup Name : Integration System supplier

Id : NMC\_INTEGRATION\_SUPPLIER

Lookup Value Name : Albatroz Solutions LLP

Lookup\_code : abz

* 1. Lookup Name : Integration Vendor

Id : NMC\_INTEGRATION\_VENDOR

Lookup Value Name : JIRA

Lookup\_code : jira

1. Create Integration Instance under Administration - > Integrations. In create view give the following values

Integration Name : JIRA Integration

Integration ID : jira\_integ

Area : Project Management

Vendor : JIRA

Supplier : Albatroz Solutions LLP

Enter required credentials of Jira Environment in the Authentication Section and Save it.

1. Upload and install the abz\_jira\_lkp\_1\_1.1.1\_20190521120248.jar file present in Jira Integration/Content Package folder under Administration -> Studio -> Content Add-Ins. Make sure the contentpack is installed in ‘Migration mode’.
2. Create following attributes in Project Object under Administration -> Objects

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Id | Data Type | Lookup Name | Default | Read Only |
| Error Message | jira\_error\_message | Large String |  |  | No |
| JIRA Integration ID | abz\_jira\_intg\_id | Lookup | Jira Integration Name |  | No |
| JIRA Project Key | jira\_project\_key | String |  |  | No |
| Last Successful Sync Date | jira\_last\_sync\_date | Date |  |  | Yes |
| Last Sync Status | abz\_last\_sync\_status | Lookup | JIRA Last Sync Status | Success | Yes |
| Sync with JIRA? | abz\_sync\_jira | Boolean |  |  | No |

1. Create following attributes in Task Object under Administration -> Objects

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Id | Data Type | Lookup Name | Default | Read Only |
| Issue ID | abz\_issue\_id | String |  |  | Yes |
| Issue Type | abz\_issue\_type | Lookup | Jira Issue Type |  | Yes |
| Points Completed | abz\_jira\_pnts\_cmptd | String |  |  | Yes |
| Sprint | abz\_jira\_sprint | String |  |  | Yes |
| Story Points | abz\_jira\_story\_point | String |  |  | Yes |

1. Upload and install the jar files present in Jira Integration/Content Package folder in the following order under Administration -> Studio -> Content Add-Ins. Make sure the contentpacks are installed in ‘Migration mode’
   1. abz\_jira\_lkp\_obj\_1\_1.1.3\_20190521124152.jar
   2. abz\_jira\_lkp\_obj\_2\_1.1.2\_20190520172430.jar
2. XOG the file ‘Jira Configuration Instance.xml’ present in Jira Integration/xml folder using XOG client.
3. Upload and install the jar files present in Jira Integration/Content Package folder in the following order under Administration -> Studio -> Content Add-Ins. Make sure the contentpacks are installed in ‘Migration mode’
   1. abz\_jira\_processes\_1.1.1\_20190520172502.jar
   2. abz\_jira\_portlets\_1.1.1\_20190520172540.jar
4. XOG the file ‘Group.xml’ present in Jira Integration/xml folder using XOG client.
5. Activate the following processes from CA PPM Administration -> Processes page.
   1. JIRA - Sync Project and Worklog Data
   2. JIRA Worklog Reconciliation