



JIRA2SAP™

JIRA ADD-ON FOR SAP ERP

“Stop looking for solutions to problems and start looking for the right path!”

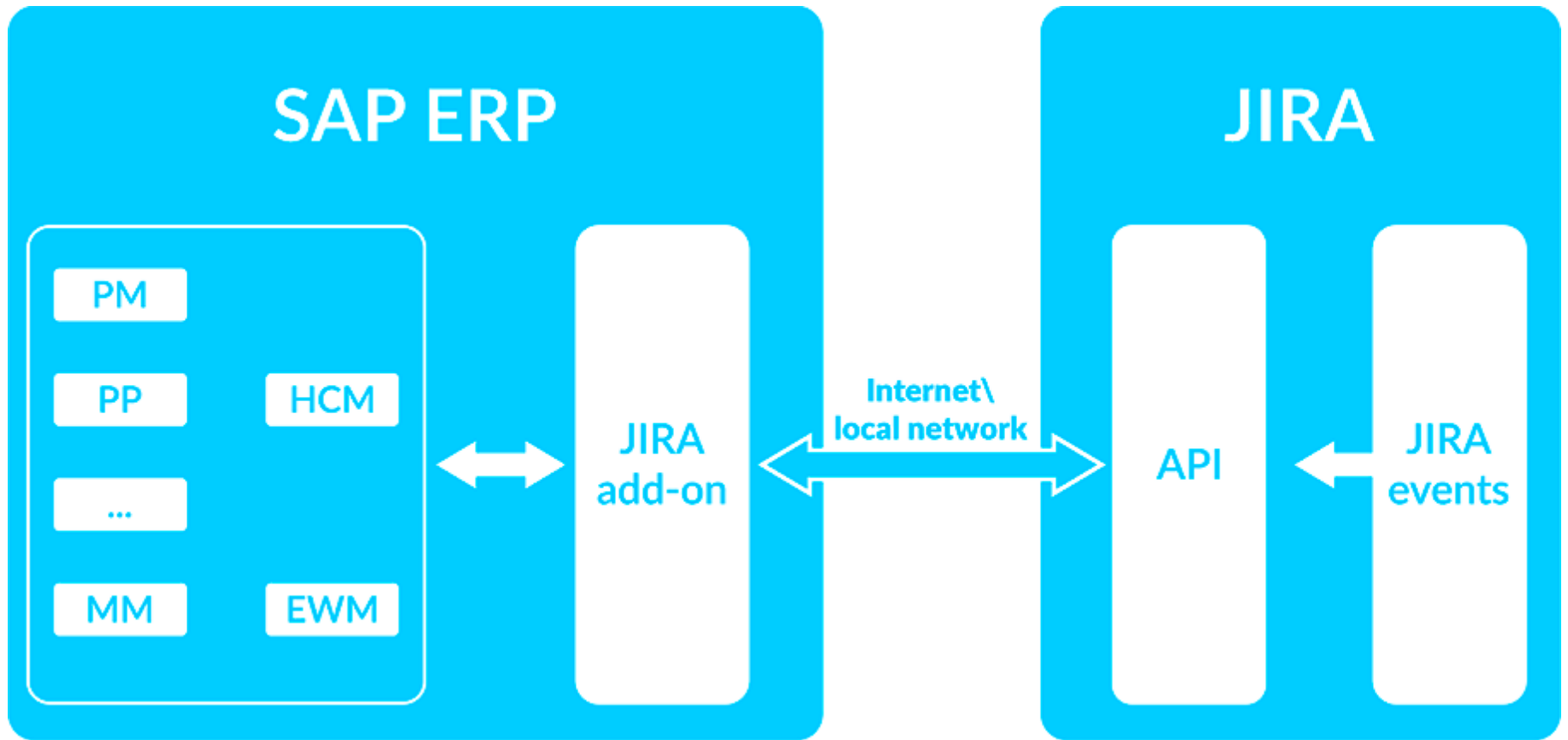
Andy Stanley

WHY NOT USE JIRA AND SAP ERP POWER TOGETHER?

Technical aspects:

- + Independent SAP ERP solution
- + No development on JIRA side needed (uses standard JIRA API)
- + Synchronous and asynchronous communication
- + OAuth simple authentication
- + No SAP login needed for each JIRA user
- + Integrated logging and error handling tool
- + Very flexible and customizable
- + Integration is possible with any SAP ERP module (HCM, SD, PP, PM, MM, EWM & etc.)

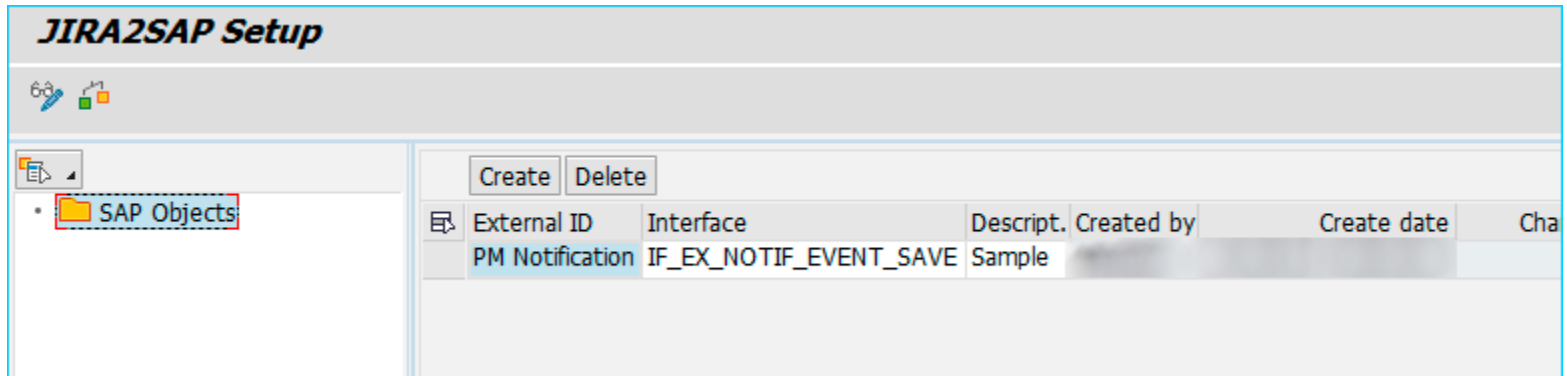
HOW IT WORKS



STEP 1: SAP CONFIGURATION

Set up and register SAP objects or documents for further interaction adjustment.

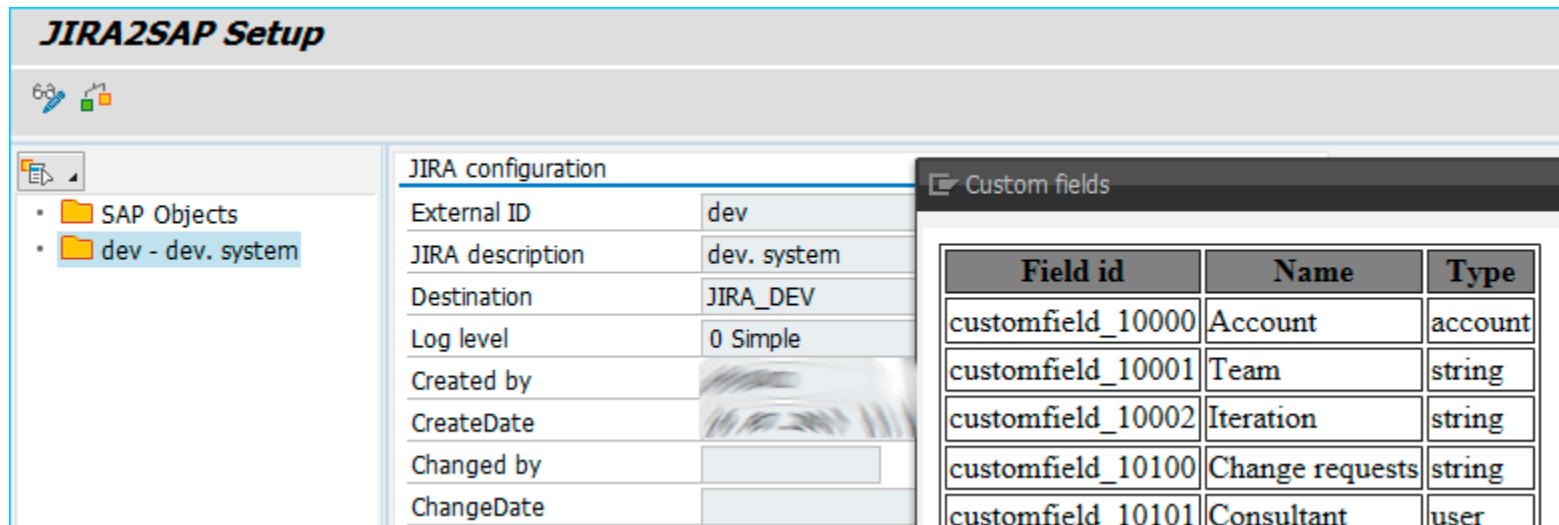
1. Register SAP objects (any object with BADI interface)
2. Implement BADI and just call JIRA2SAP™



STEP 2: SETUP JIRA

Register JIRA

1. Set up a SAP RFC connection
2. Register JIRA
3. Check the connection and JIRA custom fields



The screenshot displays the 'JIRA2SAP Setup' interface. On the left, a tree view shows 'SAP Objects' and 'dev - dev. system'. The main area is divided into two panels: 'JIRA configuration' and 'Custom fields'.

JIRA configuration

External ID	dev
JIRA description	dev. system
Destination	JIRA_DEV
Log level	0 Simple
Created by	
CreateDate	
Changed by	
ChangeDate	

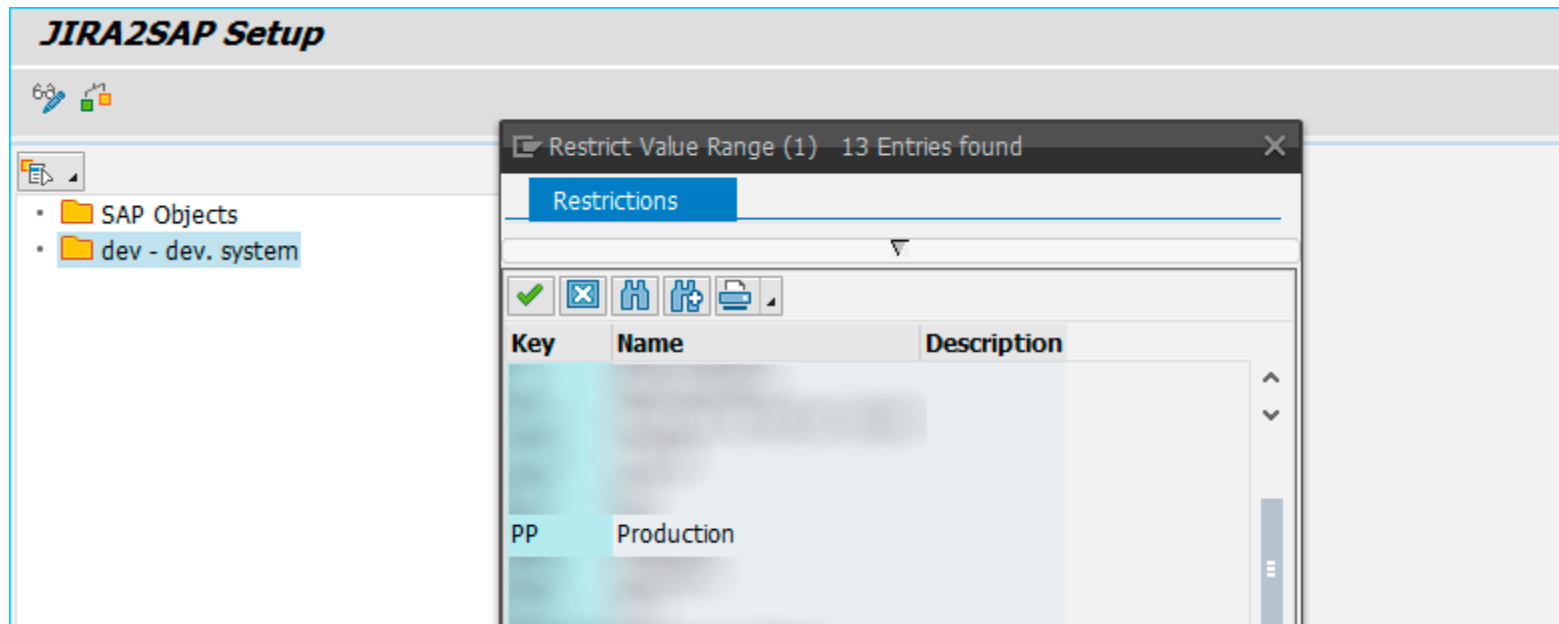
Custom fields

Field id	Name	Type
customfield_10000	Account	account
customfield_10001	Team	string
customfield_10002	Iteration	string
customfield_10100	Change requests	string
customfield_10101	Consultant	user

STEP 3: PROJECTREGISTRATION

Register JIRA project(s)

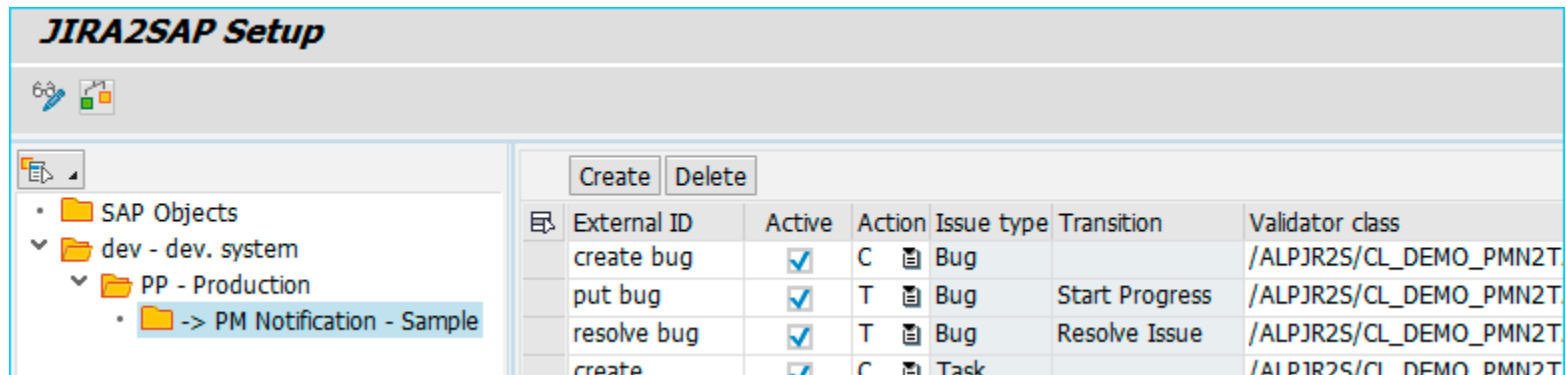
1. Select and register the JIRA project for integration
2. Several projects can be used at the same time



STEP 4: SAP TO JIRA CONFIGURATION

Configure the SAP to JIRA direction.

1. Add the SAP Object (as registered in step 1) to the project
2. Create action(s) (create, update, transition etc.)
3. Link it to a JIRA issue type
4. Configure the validator and mapping for actions
5. Activate it



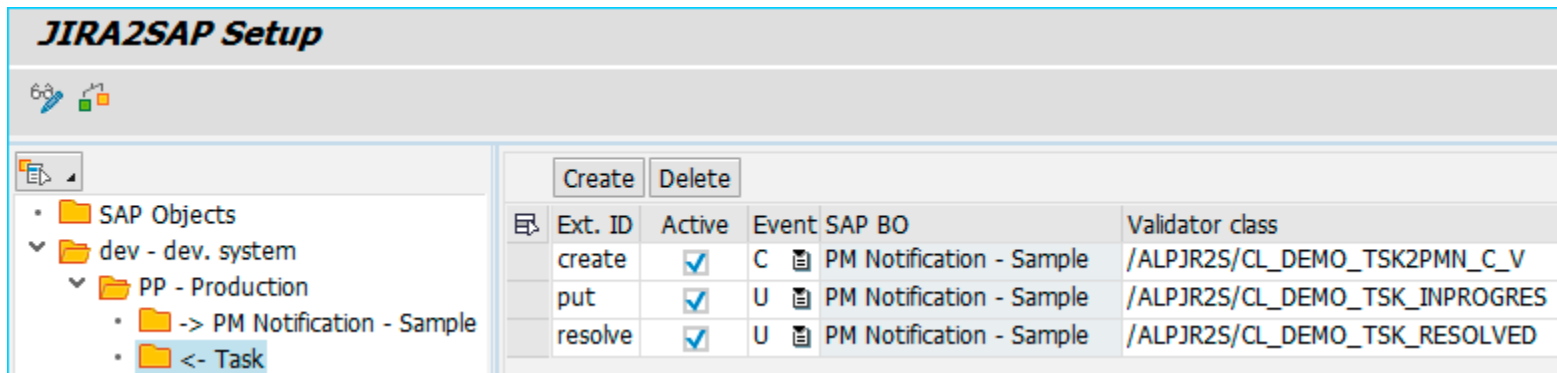
The screenshot displays the **JIRA2SAP Setup** interface. On the left, a tree view shows the hierarchy of SAP Objects: **SAP Objects** > **dev - dev. system** > **PP - Production** > **-> PM Notification - Sample**. On the right, a table lists the configured actions with columns for External ID, Active status, Action, Issue type, Transition, and Validator class. The table includes buttons for 'Create' and 'Delete' at the top.

External ID	Active	Action	Issue type	Transition	Validator class
create bug	<input checked="" type="checkbox"/>	C	Bug		/ALPJR2S/CL_DEMO_PMN2T
put bug	<input checked="" type="checkbox"/>	T	Bug	Start Progress	/ALPJR2S/CL_DEMO_PMN2T
resolve bug	<input checked="" type="checkbox"/>	T	Bug	Resolve Issue	/ALPJR2S/CL_DEMO_PMN2T
create	<input checked="" type="checkbox"/>	C	Task		/ALPJR2S/CL_DEMO_PMN2T

STEP 5: INTEGRATION OF JIRA INTO SAP

Configure the JIRA to SAP direction.

1. Add an issue type from JIRA
2. Configure events (create, update & etc.) for the issue type
3. Link it to the SAP Object (optional)
4. Configure the validator and handler for the events
5. Activate it



JIRA2SAP Setup

Tree view:

- SAP Objects
 - dev - dev. system
 - PP - Production
 - > PM Notification - Sample
 - <- Task

Table:

	Create	Delete			
Ext. ID	Active	Event	SAP BO	Validator class	
create	<input checked="" type="checkbox"/>	C	PM Notification - Sample	/ALPJR2S/CL_DEMO_TSK2PMN_C_V	
put	<input checked="" type="checkbox"/>	U	PM Notification - Sample	/ALPJR2S/CL_DEMO_TSK_INPROGRES	
resolve	<input checked="" type="checkbox"/>	U	PM Notification - Sample	/ALPJR2S/CL_DEMO_TSK_RESOLVED	

STEP 6: FINALIZATION

Finish your configuration

1. Check for configuration errors
2. If any errors occur, go back to the corresponding task, check the values and fix it
3. If everything works, save the project. Congratulations, your setup is complete now.

JIRA2SAP Setup

• SAP Objects

▼ dev - dev. system

- PP - Production
 - > PM Notificatio
 - <- Task

Type	Message text
✖	Event type doesn't bind
✖	Action is obligatory
✖	Object with External ID 'create' already exists. Define different ID
✖	Transition is obligatory for action type 'T'

CONFIGURATION FINISHED! SYSTEM RUNNING NOW!!!

JIRA2SAP™ SAMPLE PROCESS WORKFLOW

According to setting above

1. CREATE NOTIFICATION AND PUT IT IN PROGRESS

2. TWO ISSUES CREATED IN JIRA AND PUT IN PROGRESS

4. NOTIFICATION COMPLETED IN SAP ACC. WITH THE SETTINGS

3. RESOLVE ISSUE IN JIRA

USE CASE 1: SAP PLANT MAINTENANCE

Do you have outsourced maintenance teams?
Or internal team without access to SAP?

Teams do not need access to SAP only JIRA

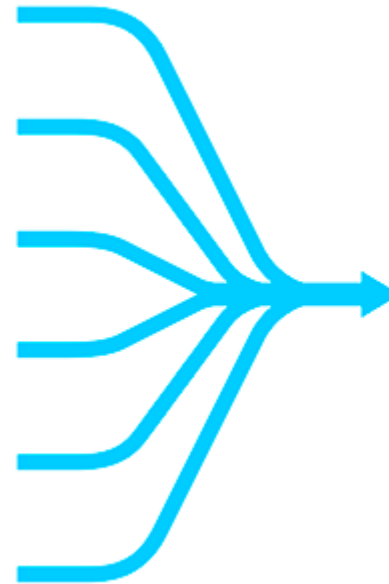
Custom workflow in JIRA

Access to JIRA from mobile devices

Consolidate data in SAP at work finish

Use Agile for maintenance tasks

Plan and control process in JIRA



INTEGRATE PM
WITH JIRA

USE CASE 2: CUSTOM DEVELOPMENT IN SAP

Are you project manager?

- + Use long and short term planning opportunities of JIRA
- + Plan resources
- + Drive project to success

Are you team lead?

- + Track and manage your team
- + Manage team workload
- + Keep team efficiency
- + Integrate with SAP TMS
- + Automate transport requests creation and release

Integrate with SAP CATS

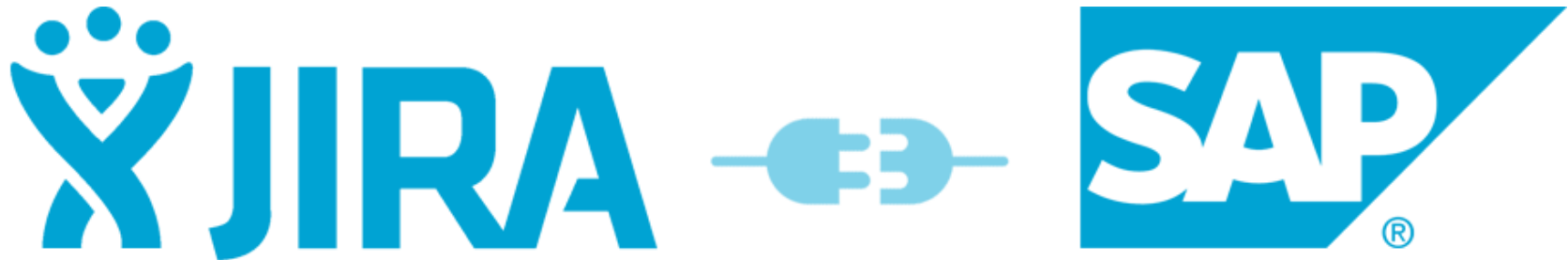
- + Transfer work hours to SAP



USE CASE 3: CUSTOM PROCESSES

You have to implement complicated customized process in SAP?
The combination of JIRA and SAP makes it much easier:

- + Implement it in JIRA
- + Perform it in JIRA
- + Integrate with SAP
- + Transfer just necessary data to SAP
- + Integrate it with any SAP module



“A lot of times, people don’t know what they want until you show it to them”

Steve Jobs

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