CAS CaseFamily

Simple and agile Integration of Jira/Confluence and SAP

CATWORKX
MID SUMMER DAY 2019

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MOTIVATIONS

❖ No simple process synchronisation between Atlassian Jira and SAP

❖ No integration of information in application specific user interface

❖ No unified access to the application objects of both systems possible

❖ Development of modern user interfaces can only be realized with enormous efforts
SILO-APPLICATION ARCHITECTURE

SILO & OBJECT SPECIALIST

OBJECT VIEWS

LOCAL PROCESSES

DOMAIN TOOLS AND DATA

PTC Windchill®

Atlassian Jira®

Atlassian Confluence®

SAP ERP®

Other

EAI - Data Transports
AGILE ARCHITECTURE – GLOBAL, ROLE BASED, COCKPITS & SERVICES

GLOBAL CASES AND PROCESSES

ROLE BASED PROCESS SPECIALIST

COCKPIT AND MOBILE APPS

DOMAIN TOOLS AND DATA

PTC Windchill®
Atlassian Jira®
Atlassian Confluence®
SAP ERP®
Other

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Atlassian Jira®
Atlassian Confluence®
SAP ERP®
Other
Event synchronisation and unified access to data objects
ACTUAL PROJECT EXAMPLES

“Manage a Change Process with Atlassian Jira and SAP”

“Manage a Material Master Creation Process with Atlassian Jira, Confluence and SAP”
“Manage a Change Process with Atlassian Jira and SAP”
CHANGE PROCESS ATLASIAN JIRA – SAP DESIGN

Issue (Type ChangeOrder)

ChangeMaster

Material
CHANG E PROCESS ATLAS SIAN JIRA – SAP DESIGN

Determine participant applications
Define materials & set costs
CHANGE PROCESS ATLASIAN JIRA – SAP DESIGN

BusinessObjects

Atlassian Jira

EventProcessor

RuleEngine

SAP ERP

Engineer

BusinessObjects

ChangeMaster calculated
Set Issue status calculated
CHANGE PROCESS ATLASIAN JIRA – SAP DESIGN

CLOSE CHANGE MASTER
CHANGE PROCESS ATLASIAN JIRA – SAP DESIGN

StartChange
CHANGE PROCESS ATLASSIAN JIRA – SAP DESIGN

Activate ChangeMaster
CHANGE PROCESS ATLASIAN JIRA – SAP DESIGN

BusinessObjects
Responsible

Atlassian Jira

EventProcessor

RuleEngine

SAP ERP

Engineer

BusinessObjects

Set Issue status
Done
CHANGE PROCESS ATLASIAN JIRA – SAP DESIGN

ChangeOrder Done
“Manage a Material Master Creation Process with Atlassian Jira, Confluence and SAP”
INTEGRATE JIRA AND CONFLUENCE IN CROSS SYSTEM BUSINESS PROCESSES
CAS CASEMANAGER – FIRST TASK MAINTAIN GENERAL MATERIAL DATA IN PROCESS COCKPIT
CAS CASEMANAGER – DISPLAY PROCESS DOCUMENTATION IN PROCESS COCKPIT...
CAS CASEMANAGER – ... AND MANAGE PROCESS DOCUMENTATION IN CONFLUENCE
CAS CASEMANAGER – NEXT STEP: MAINTAIN SALES DATA CREATES AN ISSUE IN JIRA...
**CAS CASEMANAGER – MAINTAIN SALES DATA IN JIRA AND CLOSE THE ISSUE SO THAT...**

<table>
<thead>
<tr>
<th>Details</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: Aufgabe</td>
<td></td>
</tr>
<tr>
<td>Priority: Highest</td>
<td></td>
</tr>
<tr>
<td>Labels: None</td>
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<tr>
<td>Sales Info: Promotion of new material classes</td>
<td></td>
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<tr>
<td>Price: 15999.99</td>
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</tr>
<tr>
<td>Bundle: 3</td>
<td></td>
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</tbody>
</table>

**Description**

Sales data needed for creation of material Motor S1
Please maint the data here in the issue.

**Attachments**

- Drop files to attach, or browse.

**Activity**

- There are no comments yet on this issue.

**People**

- Assignee: Unassigned
- Reporter: cascon
- Votes: 0
- Watchers: Stop watching this issue

**Dates**

- Created: 3 minutes ago
- Updated: Just now

**HipChat discussions**

Do you want to discuss this issue? Connect to HipChat.

- Connect
- Dismiss
CAS CASEMANAGER – SALES DATA AUTOMATICLY TRANSFERED TO THE PROCESS

<table>
<thead>
<tr>
<th>CASEOBJECT</th>
<th>OBJECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Motor S1</td>
<td>Material sales data</td>
</tr>
<tr>
<td>MaterialMotor S1</td>
<td>Material code: 1141</td>
</tr>
<tr>
<td>Description: Motor S1</td>
<td>Status: Material</td>
</tr>
</tbody>
</table>
CAS CASEMANAGER – NEXT STEP: CHECK DATA CREATES A CHECKLIST IN CONFLUENCE...
CAS CASEMANAGER – YOU CAN WORK ON THE CHECKLIST IN CONFLUENCE...
CAS CASEMANAGER – AND SET THE RESULT IN PROCESS COCKPIT. THIS STARTS...
CAS CASEMANAGER – ...THE SERVICES TO CREATE MATERIAL IN SAP AUTOMATICLY
HOW WAS JIRA AND CONFLUENCE INTEGRATED IN THIS PROCESS

- Jira users involved in the process **work exclusively in Jira** because **all process-relevant information** from other systems can be **displayed directly in Jira**

- **Checklists for optimizing the process flow** are **automatically generated process-specifically in Confluence**, where they can be processed by the user at the appropriate time

- Entire **process documentation** is **managed in Confluence and can be viewed live in the process**
ADVANTAGES CAS CASECONNECTOR

- Simple process synchronisation via events
- Access to all application objects of the connected systems
- Agile software
- Agile software development
SCENARIOS OF CURRENT PROJECT SITUATIONS

SAP Project System & CATS
Record work time in Jira worklogs and synchronize sap timesheets automatically

SAP Controlling
Managing of tasks in Jira and controlling of costs in SAP

SAP Plant Maintenance
Enter, process and coordinate orders in Jira, document and monitor costs in SAP

SAP Product Lifecycle Management
Integration of Jira users into a cross-system material master creation process

SAP Engineering Change Management
Manage an engineering change management process in SAP with Jira

SAP Solution Manager
SAP Solution Manager and Jira work hand-in-hand
Thank You!

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