Focused Build for SAP Solution Manager 7.2
External Tool Integration

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Areas for external integration – where does it make sense

**Requirement Inbound**
- Get requirements from external tool

**Development Outsourcing**
- Handle development tasks in external tool
- Focused Build needs to be the leading system for the creation of the tasks

**Scrum Board**
- UI5 Scrum Board running on top of Focused Build
- No data replication like in the Development Outsourcing scenario

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*External requirement API*  
*External tool API*  
*Scrum Board API*
Requirement Inbound
External Requirement API

Focused Build provides an API to connect external requirement tools to Focused Build

- Provides the capability to connect external requirement tools like e.g. Jira
- Provides a generic API based on OData web services
- API provides the capability to create requirements in Focused Build. Requirement status updates are send back to the external requirement tool.
- Only the API on Focused Build side is delivered (not the API counterpart on the external tool side).
Development Outsourcing
External Tool API

Focused Build provides an API to connect external development tools to Focused Build

- Provides the capability to connect external development tools like e.g. Jira or MS Team Foundation Server
- Provides a generic API based on OData web services
- API provides the capability to create objects (Work Package, Work Item) in the external tool but NOT in Solution Manager
- Only the API on Focused Build side is delivered (not the API counterpart on the external tool side)
- Example integration exist for Jira. The required Jira add-on is provided as open source. It is provided “as-is” (no support or maintenance for this Jira add-on). See https://github.com/SAP/solman-fb-jira-addon for details.
External Tool API – Jira Example

*Jira add-on example available as open source project
https://github.com/SAP/solman-fb-jira-addon
External Tool API – Jira Example

Project Team
- **Requirements** defined in discovery workshops
- **Work Packages** created out of Requirements by Architect
- Work Packages broke down into **Work Items** by Architect

Development Team
- Work Package synced into Jira as **Epic**
- Work Item synced into Jira as **User Story** keeping correlation to Epic.
- **User Story** status synced back to Focused Build for tool integration.
- **Tasks** created by Scrum Team for detailed planning.
Scrum Board
Scrum Board API

Focused Build offers an open API which allows vendors of digital ScrumBoards an integration in the R2D process to offer development teams a modern and intuitive user experience, allowing team members to perform tasks more concisely and considerably faster.

Integration allows:

- Synchronized information about WP&WIs, teams and status
- Support of intuitive user interface based on UI5 with drag-and-drop functionality
- Data maintenance revision-secure in the SAP back-end system
- Supports follow up integration, e.g. reference to transport requests
- Triggering of workflows, e.g. automatic notification of testers
- Any software vendor who has similar solutions can get in touch with SAP for an integration
Scrum Board API- Implementations from Software Vendors

The Picture shows an example of a ScrumBoard solution of bsc who has build a solution based on the API.

Copyright by bsc solutions
The Pictures show an example of a ScrumBoard solution of CoreALM who has build a solution based on the API.

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Thank you.