Focused Build

New functionalities with ST-OST 200 SP2

Product Management, SAP SE
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(1) Project Management
(2) Process Management
(3) Requirement Management
(4) Work Package / Work Item
(5) ScrumBoard API
(6) Test Suite
(7) Solution Readiness Dashboard
(8) Release Management
(9) Stand Alone Features
New functionalities in SAP Solution Manager 7.2 FPS07 and Focused Build ST-OST200 SP2

To find out about new developments in SAP Solution Manager 7.2, please visit the SAP Help Portal.

For the Requirement to Deploy process running with Focused Build, there are new functionalities shipped with FPS07 and in ST-OST 200 SP2. You should check both areas for news.

https://help.sap.com/solutionmanager72
https://help.sap.com/FBUILD

Focused Build: Central Note for Focused Build 2.0 SP2 for SAP Solution Manager 7.2.: 2624412
(Please read through it. It does contain valuable information.)

Focused Build: Technical collective note for SP2: 2624462
(should be implemented automatically)

Prerequisite for the installation of ST-OST 200 SP2 is a SAP Solution Manager 7.2 SP7 (!)
What’s New with Focused Build SP2?

Project Management
Project Management – new with Focused Build SP2
New SAPUI5 App for Focused Build Projects

Improved user experience
Setup and administration of Focused Build projects

Feature details
• New landing page and simplified project setup
• Intuitive look and feel for main project administration tasks
• Embedded Gantt Chart available

Benefits
Simplified and intuitive project setup and administration
Project Management – new with Focused Build SP2
Improved Risk Management for Focused Build Projects

Improved Risk Management

New Risk Matrix as part of Solution Readiness Dashboard

Feature details

• Risk Level based on Impact and Probability
• Visualization of aggregated risk status
• Intuitive navigation to details with predefined filters (Status and Risk Level)

Benefits

Improved transparency and simplified evaluation of Risks
What’s New with Focused Build SP2?

Process Management
Process Management – new with Focused Build SP2
new elements in dropDocs

Application
dropDocs integration to Work Package and Work Item

Feature details
• Availability of process diagrams with assignment possibility
• Visibility of process variant documentation such as process descriptions, test cases and diagrams

Use Case
Simplified handling of process steps used in a diagram and their assignment to Work Package.

Reflection of process variants and their documentation through dropDocs.
Process Management – new with Focused Build SP2

Document handling

Application

dropDocs integration to Work Package and Work Item

Feature details

• Corrections on Document KPI (now available for all assigned structures)
• Maintenance of Owner and Responsible for documents and test cases
• Status based email notification for documents

Use Case

Simplification of access to owned or documents in progress through MyDocuments app.

Better tracking of changes on documents by mail notification.
Process Management – new with Focused Build SP2
Test Suite integration

Application
dropDocs integration to Work Package and Work Item

Feature details
• Availability of test steps in drop area
• Test management attributes “Additive” and “Exclusive” and their impact on test case visibility in dropDocs is integrated into drop area

Use Case
Test steps can be assigned to the Work Package and Work Item as relevant test cases.
Selectivity of just those test cases which will finally be visible in test plan generation.
Process Management – new with Focused Build SP2

Work Package scoping

Application

dropDocs integration to Work Package and Work Item

Feature details

• Detection of deltas in documentation when the Work Package is set to status “Scope extension”

• Possibility to automate the release of executables, developments and configuration units when handing over to development branch

Use Case

Scope extension and detection of relevant documentation and easy release of technical objects.
SAP Solution Manager 7.2 – SP07
Include originals in reporting and search

Description
Include library originals in reporting and search

Details
Reporting and search display additional information from libraries:
• Process step and interface original
• Related documents and configuration units
• Executable library usage

Benefits
• Improved report and search results
• No need to individually navigate to each library element
SAP Solution Manager 7.2 – SP07
Revised scope functionality

Description
Provide unified content filter based on structure and attributes

Details
• View & scope have been revised and merged to scope
• Existing scope/view selections are converted automatically
• Scopes are based on structure and/or attributes
• Scope can be created as public or private
• Library originals can be included in scope

Benefits
• Improved handling of content filters
• Simplified scope creation
SAP Solution Manager 7.2 – SP07
Perform long-running operations in background

Description
Long-running activities scheduled in background (release, report generation and export)

Feature details
• Report and Export for large scopes processed in background
• Report result will be automatically downloaded as a file
• Release operations processed in background

Benefits
• No disruption of work
• Simplified report and export generation
SAP Solution Manager 7.2 – SP07
Improved process document generation

Description
Browse process management content offline (without access to SAP Solution Manager)

Details
• Browser based offline view (based on SAPUI5)
• Browse through Universal and Collaboration Diagrams
• Review assignments and attributes
• Print pages
• Documents downloaded as local files
• Related documents as references to Solution Manager

Benefits
• Easy way to consume Solution Manager Content
• Simplifies the publishing on the content
• Archive the contents
SAP Solution Manager 7.2 – SP07
Process Management & Business Process Modelling improvements

Process Management
- Site enablement in test suite integration
- Usability improvement in document download
- Usability improvement history UI

Business Process Modelling
- Possibility to add custom texts to the pool names
- Duplication of a single or multiple symbols in Universal Diagrams
- Enable formatting of multiple symbols in Universal Diagrams (size, color…)
What’s New with Focused Build SP2?

Requirement Management
Requirement Management – new with Focused Build SP2
New Status Value and Display in Process Management

Applications
Requirements Mgmt., My Requirements, Mass Change Operations

Feature details
- New Status value ‘To Be Approved’
- Adjusted Requirement Status display in process diagrams
- In addition some Actions between status values have been adjusted, e.g. between Status Draft and Cancelled

Use Case
The status is used to hand-over finalized requirements to the responsible Project/Release Manager
Requirement Management – new with Focused Build SP2
Solution Documentation Reporting

Applications
Solution Documentation

Feature details
• Reporting for (FB) Requirements
• Standard filter and sorting options

Use Case
In Solution Documentation it is now possible to get a list of all Requirements created in the Focused Build context. This list has all standard filter on sorting options, e.g. to find Requirements related to a specific Business Process
Requirement Management – new with Focused Build SP2

Rich Text Editor for Description field

Applications
Requirements Mgmt.

Feature details
• Rich text editor for description field

Use Case
Improved usability to structure longer texts allowing clear descriptions of Requirements
Requirement Management – new with Focused Build SP2
Deep Search for Sub Categories

Applications
Requirements Mgmt.

Feature details
• Allows to filter all Requirements of a specific category and the categories below

Use Case
A SAP Solution responsible wants to see all Requirements assigned to this Solution inclusive the Subcategory for the module
Requirement Management – new with Focused Build SP2

Improved Usability

Applications

Requirements Mgmt.

Feature details

• Extendable column widths
• Extended View Settings

Use Case

Working with smaller screens, e.g. laptops the extendable column widths allow better display of relevant columns

Extended View Settings allow filtering by additional Requirements data
Requirement Management – new with Focused Build SP2

Additional Actions

Applications

Requirements Mgmt.

Feature details

• New action Unassign Requirement
• New action Go to Mass Change

Use Case

Unassign Requirements allows to remove wrongly assigned process elements

Direct link to Mass Change Operations allowing mass changes, e.g. of status values in Requirement planning Q-Gates for all selected Requirements
Mass Change Operations – new with Focused Build SP2

Harmonized Search Fields

Applications
Mass Change Operations

Feature details
• Extended and harmonized search options in Mass Change Operations application

Use Case
Search options for all important Requirement, Work Package and Work Items and Defect Correction fields
Requirement Management – new with Focused Build SP2
Solution Documentation Reporting

Applications
Solution Documentation, Report Related Documents

Feature details
• Reporting for (FB) Requirements
• Standard filter and sorting options

Use Case
In Solution Documentation it is now possible to get a list of all Requirements created in the Focused Build context. This list has all standard filter on sorting options, e.g. to find Requirements related to a specific Business Process.

With the report Related Documents Complete a negative selection of process structures without Requirements is also possible.
What’s New with Focused Build SP2?

Work Packages & Work Items
Work Packages – new with Focused Build SP2
Integrated Defect Correction

Applications
My Work Packages, Assignment Analysis, Defect, Defect Correction

Feature details
- Automatic assignment of Defect Corrections to Work Package with visibility in Scope Tab
- New Work Package Status In Repair
- In status WP status Hand over to release correlated Defect Corrections are switched to this status

Use Case
Single Functional Test: Existing Defect corrections are automatically assigned to a Work Package in case of Assignment Analysis Usage and a 1:1 relationship of WP and Test Package. Automated switch of Work Package status in case of new and confirmed defect correction
Work Packages – new with Focused Build SP2

Direct Creation of Work Items

Applications

My Work Packages

Feature details

• Create Work Items in Work Package status To be Tested

Use Case

Early Single Functional Test: To upload Test Cases in Status To be Tested you can now directly create Work Items. So there’s no need to go in back in status Scope extension to create the Work Item there
Work Packages – new with Focused Build SP2

Improved Scoping Usability

Applications
My Work Packages

Feature details
- Improved Scoping Usability

Use Case
To scope Work Items for Work Packages with many process structure elements and documents assigned, it is helpful to have a Select All and drill down functionality per Business Process.
Work Packages – new with Focused Build SP2

Maintenance Work Package

Applications

My Work Packages

Feature details

• New Work Package Type Maintenance
• Preselection of Maintenance Projects
• Standard Change (see next slide)

Use Case

To be used when customer has no change control management for maintenance in place and wants to have a fix process without impact on documentation but needs cost separation for fixes in Hypercare phase e.g. green field Focused Build implementation.
Work Packages – new with Focused Build SP2

Maintenance Work Package and Standard Change

Applications

My Work Packages

Feature details

• Standard Change

Use Case

In the context of a Maintenance Work Package it is possible to work with Standard Changes

Use Work Item type standard change for regular changes with no test needs, e.g. creating additional currency or location
Work Packages – new with Focused Build SP2
Filter: Improved Search Functionality

Applications
My Work Packages

Feature details
• Improved Status search functionalities
• New entry: Maintenance Work Packages

Use Case
Improved selection criteria with grouped status values allows the quick display of Work Packages in a similar Status

The filter value Maintenance Work Package allows to display Work Packages created in the Hypercare phase
Work Packages – new with Focused Build SP2

Relations: Improved Filter Criteria

Applications
My Work Packages

Feature details
• Extended filter criteria for Relations tab

Use Case
The extended filter options help to find related Work Packages without knowing exactly title, owner or ID etc.
**Work Items – new with Focused Build SP2**

**Tasks for Work Items**

**Application**

My Work Items

**Feature details**

- Create tasks for a Work Item
- Simple Task status schema decoupled from Work Item status for flexible use
- New “Tasks” tab in the “My Work Item” application to create/edit tasks

**Use Case**

Break down of work to be done for a Work Item into smaller chunks to help developers organizing their work.
What’s New with Focused Build SP2?

ScrumBoard API
Scrum Board API – new with Focused Build SP2
Tasks for Work Items

Application
Scrum Board API

Feature details
• Direct access to tasks which belong to a WI
• Create/edit/delete capabilities for tasks

Use Case
Break down of work to be done for a Work Item into smaller chunks to help developers organizing their work.

The Picture shows an example of a ScrumBoard solution of bsc who has build a solution based on the API.
What’s New with Focused Build SP2?

Test Suite
Test Suite – new with Focused Build SP2

Test Suite Dashboard – Test Preparation

A new Tab is available: “Test Preparation”

In this tile you can view the amount of Work Packages for a given Project and Wave.

It will help you to easily identify the work packages to which no test cases (of any types) are assigned.

It will also highlight the Work Packages which do not have any Test Case assigned according to their statuses.

In this example, you can see that a Work Package in the status “To Be Tested” which does not have a test case assignment is ranked as “Red”.
In the table you will find the Work Package details (ID, Name, Priority, Test Case Assignment, …). You can jump directly to the Work package application to update any Work Package.

You can also navigate to the “Assignment Analysis” application to perform any missing assignment.
Test Suite – new with Focused Build SP2
Test Suite Dashboard – Traceability Matrix

In SP1 the Traceability Matrix provided just a table with raw (but valuable) information.

In SP2 there are tiles which highlight the important categories and their corresponding KPIs:

• Requirements
• Work packages
• Work Items
• Assignment of Test Cases to Work Packages
• Test Execution Status
• Defect and Defect Corrections
Test Suite – new with Focused Build SP2
Test Suite Dashboard – Traceability Matrix

Of course the extensive table is still available with all the information from the requirements all the way to the defect corrections.
**Test Suite – new with Focused Build SP2**

**Test Suite Dashboard – Central Test Reporting**

In SP2 we added a detailed reporting on test execution results of manual tests.

You get an immediate overview on relevant information like overall status, current step or number of defects.

With the drill-down navigation you can find more details like attached results, defects or even actual results and evidence documents on step level.
Test Suite – new with Focused Build SP2

Test Step Designer – Improved User Experience

With SP02 with significantly improved the user experience:

- Simplified organization of test cases
- Copy & Paste of Steps within and between Test Cases
- Improved and accelerated value helps for Business Partners and Executables
- Simplified and enhanced Upload Wizard
- Increased performance in all areas
- Full-Screen mode in Test Steps Designer
- Simplified test execution and result documentation
Test Suite – new with Focused Build SP2
Test Step Designer – Navigation

Enhanced navigation/grouping in the master list by:
- My Test Cases
- All Test Cases
- Template Test Cases
- Folders

Please select an existing Test Case or create a new one.
A significant enhancement in SP2 is that you can specify for which step a result attribute is mandatory.

For Test Cases which will be executed by multiple testers/teams this is extremely important. It means that a tester will not be allowed to handover the testing to another tester/department if he/she has not filled out the necessary information.

This avoids missing information, and ping-pong between teams.
Test Suite – new with Focused Build SP2

Test Step Designer – Navigation

Copy and Paste of Executables and Business Partners.

Faster Value help for Executables
Creating a new Test Case is simplified.

Process Steps and Executables are automatically transferred into your Test Case.
Test Suite – new with Focused Build SP2
Test Step Designer – Better Integration with Solution Documentation

With SP02 we offer more features to work with test cases that are assigned to Solution Documentation.

You can directly see in which Solution and Branch the test case is available and you can navigate to the assigned node in Solution Documentation.

Properties like Test Case Classification or even your custom attributes can be maintained directly in Test Steps Designer.
**Test Suite – new with Focused Build SP2**

**Test Step Designer – Multilingual Test Cases**

Test Steps allows you to design and execute multilingual test cases.

There is no need to create separate test cases per language. You directly do the translation in the same test case and Testers can execute the test in their preferred language.

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
<th>Expected Result</th>
<th>Instructions</th>
<th>Executable</th>
<th>Partner</th>
<th>Attachment</th>
<th>Evidence</th>
<th>Hix</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sales Order</td>
<td>SO posted</td>
<td>please use data from tab Test Data Set</td>
<td>Create Sales Order</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Delivery</td>
<td>Delivery posted</td>
<td>please use SO from previous step</td>
<td>Create Outbound Dlv</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Goods Issue</td>
<td>GI posted</td>
<td>please use documents from previous steps</td>
<td>Change Outbound Dr</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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Test Suite – new with Focused Build SP2
My Test Execution – Usability Improvements

UI Redesign to improve the User Friendliness and the readability of the screen.

More dynamic layout, better usage of the screen for the step results
Test Suite – new with Focused Build SP2
My Test Execution – TBOM Recording

In SP2 you can now fully record TBOMs with the MTE
Test Suite – new with Focused Build SP2

My Test Execution – Multilingual Support

At execution time you can choose the test language.
Test Suite – new with Focused Build SP2
My Test Execution – Digital Signature

Users can digitally sign:
• Test Results
• Test Notes
Test Suite – new with Focused Build SP2
My Test Execution – Full Integration in My Tester Worklist

Test Step based test cases are displayed properly in the Test Case selection from the test plan management application.

When you execute a test step based test case from the tester worklist, the “My Test Execution” application.

Test results from test steps will be available in the standard test result application.
What’s New with Focused Build SP2?
Solution Readiness Dashboard
Solution Readiness Dashboard – new with Focused Build SP2

Current Wave Progress for Completed Waves

Applications

Solution Readiness Dashboard – Current Wave Progress Tile

Feature details

• Wave selection option

Use Case

Via the Wave selector it is now possible to see also already completed waves and not only the current wave.
Solution Readiness Dashboard – new with Focused Build SP2
Current Wave Progress for Work Items

Applications
Solution Readiness Dashboard – Current Wave Progress Tile

Feature details
• Current Wave Progress per sprint for Work Items
• Sprint selection option

Use Case
Now it is possible to see the sprint progress on Work Item level. Not only for the current sprint but also for completed sprints.
Solution Readiness Dashboard – new with Focused Build SP2

Tile Customizing

Applications

Solution Readiness Dashboard

Feature details

- Define custom view
- Hide tiles

Use Case

The tile customizing allows you show only those tiles which are relevant for your project.
What’s New with Focused Build SP2?

Release Management
Release Dashboard – new with Focused Build SP2

Main Features (1)

Release Dashboard

Features

• Drill down from top level dimensions down to the transport request level.
• Breadcrumb navigation to show current context
• New filter options for work packages, defect corrections and transport requests
• Get status ratings to evaluate the completeness of releases.
• Find work items and transport requests, which are not compliant to the Focused Build release building process.

Benefits

Effective release tracking
Easily identify release issues
Perform detailed analysis
Release Dashboard – new with Focused Build SP2

Main Features (2)

Release Dashboard

Features

1. Drill down from top level dimensions down to the transport request level.
2. Filter options for work packages, defect corrections and transport requests
3. Status ratings
4. Evaluate work Items and transport requests, which are not compliant to the Focused Build release building process.

Benefits

Effective release tracking
Easily identify release issues
Perform detailed analysis
Release Dashboard – new with Focused Build SP2

Status Rating

Release Dashboard Features

Status ratings

Benefits

Effective release tracking
Easily identify release issues
Perform detailed analysis
What’s New with Focused Build SP2?
Stand Alone Features
Standalone Feature

IT Service Management
IT Service Management – new with Focused Build SP2
Multiple Input Channels and Standard Transactions Supported

Application
My Requests – Supports Multiple Input Channels

Feature details
• Customer can create Incidents, Service Requests, Problems, Request for changes via any channel, they will appear with a harmonized UI Experience in Simple IT Request
• Standard transactions such as SMIN, SMPR, SMCR… supported in addition to Focused Build specific Transactions

Use Case
One UI experience, one place to track requests created
IT Service Management – new with Focused Build SP2
Support for Approvals

Application
Simple IT Request

Feature details
• New Transaction Type Pair (S4AT – S4RQ) to support Service Requests needing approval
• Approval can be done via CRM or with an Integration to ‘My Inbox’ App

Use Case
Some Service Requests need approval and now SAP provided a preconfigured solution for it
IT Service Management – new with Focused Build SP2
Integration to My Inbox

Application
Simple IT Request

Feature details
- Simple IT Request can create Workflow events that can be consumed by My Inbox App
- My Inbox can reside on a Central Fiori Server and can act as single point of entry for managers for all Approvals or Updates

Use Case
One Inbox required in central Fiori server to manage approvals
IT Service Management – new with Focused Build SP2
Support for Rich Text

Application
Simple IT Request, My Requests

Feature details
• Application Supports input of Rich Text and Images
• Requires Rich Text Setup and Configuration

Use Case
End Users want to input text and images together when submitting requests or responses

Standalone Feature

Cut Over
**Cut Over**

**What is the Cut Over in Dual System Landscapes**

- Project Landscape has finished the development and testing and is ready to release to PRD
- Different Cut Over Strategies (MNT, PRE, PRD)
- Direct imports only successful if overall landscape is in a consistent state
Cut Over
Cut Over without tool support

You would need to manually validate and execute:

- All Retrofit activities from maintenance landscape are finished.
- All parallel developments have been finished and merged into the Cut Over release
- Manually select the correct transports and import them to the Cut Over Target System
- Manually sync the Landscape with the new release transports after Cut Over
Cut Over – new with Focused Build SP2

Cut Over Features

Checks before Cut Over

- Retrofit completed
- Retrofit changes not in PRD
- Object Conflicts with Deployment

Automatic adoption after Cut Over

- Adopt Cut Over content to MNT and QAS automatically
- Set originality to MNT
Standalone Feature
Cross Landscape Distribution
Cross Landscape Distribution

Transports often have to be distributed to multiple landscapes

Transports are distributed to multiple landscapes when:

- Customizing synchronization is required
- Common development objects are required in multiple landscapes
- E.g. custom reports for SAP-Basis stack or user management
- Global development systems required transports in local landscapes without transport connections
Cross Landscape Distribution
Distribution without tool support

Steps to do without a tool

• Add transport from source landscape to queue of target landscape on the file system
• Import to target system.
• Include object list from source transport into ChaRM controlled transport

Disadvantages

• manual work
• distribution can be forgotten
• no control about distributed content
Cross Landscape Distribution
Guided Procedure and Limitation

Distribution Guided Procedure
• Distribute any charm change via transport of copies to any development system.
• Repacks object list automatically into a target landscape change/transport.
• Customizing table can control what objects should be/can be distributed.
• Integration in the change process allows automatic checks against rules.

Limitation
• Can only synchronize identical transportable objects
Cross Landscape Distribution
Customizing Options

3 different levels of flexibility vs. control
– Level 1 – Everything can be distributed everywhere
– Level 2 – Target systems or change cycles are defined
– Level 3 – Detailed objects lists can be specified

Workbench Objects: are controlled on Package Level
Customizing Objects: are controlled by Customizing Groups on Transport Key Level
Cross Landscape Distribution – new with Focused Build SP2

Automatic Distribution Option

Automatic creation of Transport for the Target System

Automatic distribution into the Target Transport

Prerequisites

– Source and Target Systems in the same change cycle
– Cross Landscape Distribution need to run in Strict Mode (Distribution rules need to be maintained)

Distribution Logic is separated into a BADI and can be enhanced with custom logic.
Standalone Feature
Change Request Management Dashboard
Change Request Management Dashboard
Standalone enhancement for change request management customers

Features
Drill down from top level dimensions down to the transport request level.
Breadcrumb navigation to show current context
Get status ratings to evaluate the completeness of change control cycles.

Benefits
Effective tracking of releases and change control cycles
Easily identify release issues
Perform detailed analysis

ChaRM Dashboard – new with Focused Build SP2
Main Features (1)
Drill Down Example

1. Press the tile change control cycle
2. Navigate to the view request for change
3. You can see, that two transport requests are assigned to request for change 8000006888