Defect Correction Details

Purpose

The purpose of this page is to explain the usage of a Defect Correction transaction type in Solution Manager 7.10, to allow a user to visualize the process as performed by various user roles, to see the processing steps following product documentation and see special information for this type of transaction.

Overview

A Defect Correction is used during integration testing of a project, therefore, it can only be created in the Test phase of the cycle. In the Test project phase, no new Normal Change documents can be released to To Be Tested status. A Defect Correction is not tied to a Request for Change nor a specific change. Also, there is no need for approval as the project’s scope was previously approved. (Note: The Test phase is only applicable in SMMN and SMDV cycle documents, not SMMM.)

Pre-requisites

- The project cycle is in Test phase and integration testing is being performed
- A problem is discovered that must be corrected prior to Go-Live

Users involved in the process

- Change Manager – the person who categorizes, approves and monitors change requests. This person will move the project phase to Go-Live when appropriate.
- Developer – the person who performs the correction and passes it onto the To be Retested status
- Tester – the person who creates the defect correction when a problem is discovered in integration testing. This person will also ensure the correction resolves the problem in the quality system. Once the test is complete, this person will set the status to Confirmed or resets it for further work, In Correction.
- IT Operator – the person who normally does the import or the original transports into the managed system(s).

Visualization of the Defect Correction Process
Process steps

The various processing steps of a Defect Correction can be found at:

000000a1553f7/frameset.htm&current_toc=en/37/24fe53582e0114e10000000a174cb4/plain.htm&node_id=1311

Transport of Copies

Normally with a Defect Correction, SMTM, no Transport of Copies (ToC) is used, as the intent is to get the correction made quickly for Go-Live schedules. However, with customization, users may access the Transport of Copies function in the Transport Management assignment block. This is not supported by SAP in standard. Please see SAP Note 2065211 for configuration requirements.

Use Defect Correction in place of Normal Change in Test phase

When a project cycle is in Test phase and a user tries to release a Normal Change to status To Be Tested with Action Pass Normal Change to Test:
A warning/error will be seen:

Status was reset by system
Action COPY_ALL cannot be performed during this maintenance phase
Next status cannot be set because some actions cannot be executed

Instead of using SMMJ transaction type, use SMTM to correct any problems discovered in Test project phase.
CSOL and Defect Corrections

When performing a Defect Correction, CSOL locks are indicated, but since the correction is intended to fix issues in changes made in other change documents, there was a question whether this lock is necessary.

These locks are as designed by ChaRM development. Defect Corrections are not handled any differently than Normal Changes when it comes to CSOL. If there is a potential issue, we flag it for users so they are aware.

Related Content

Related Documents


Project Cycle: http://help.sap.com/saphelp_sm71_sp14/helpdata/en/19/e72646492f4824be967962d2743800/content.htm

Related SAP Notes/KBAs

Insert links to any related SAP Notes/KBAs that support your topic or are related. Please hyperlink ONLY SAP Note or KBA number. Example:

SAP Note 2065211: Transport Management assignment block: Defect Correction can use the button 'Transport of Copies'

SAP KBA 2046061: Enable BPCA Analysis available for Defect Correction