

Conigma™ CCM - Overview -

**Change and Transport Management
for SAP® made easy**

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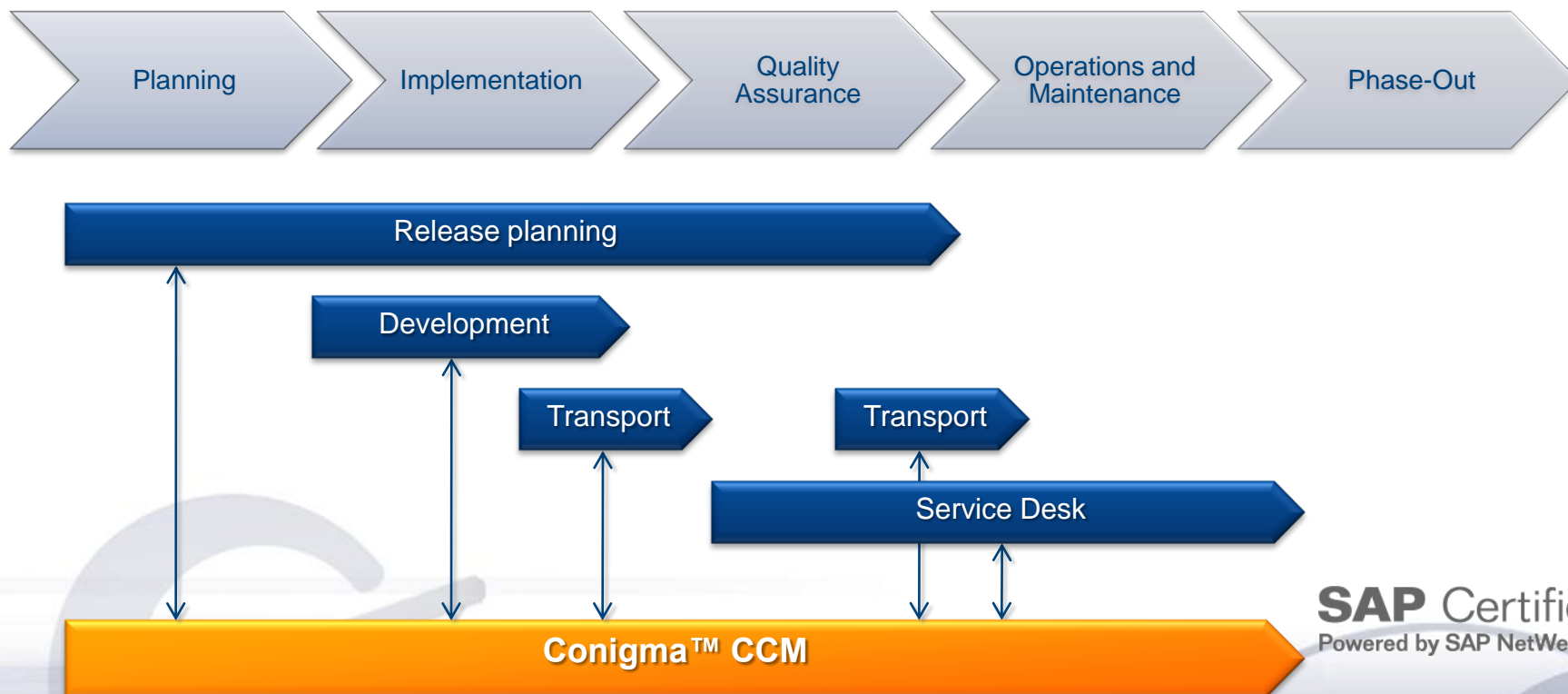
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SAP certified software solution managing the CHANGE and TRANSPORT PROCESS of configurations and customizations for all kinds of SAP systems in almost every version (4.6C up to 7.0) supporting all customizing technologies (ABAP, J2EE-, PI-, Portal-content), SAP offers

- Enables implementation and enforcement of highly sophisticated development workflows for complex, parallel SAP landscapes
- Enables efficient cooperation of virtual global teams
- Allows tracking back every change in a SAP system to a business requirement
- Enables automatic deployment of right object with the correct version on the right SAP system
- Leads to full audit compliance according to Sarbanes-Oxley-Act or other regulatory requirements, i.e. FDA, ESHA, Basel II, J-SOX and others
- Supports ITIL service support and service delivery requirements

Conigma™ CCM

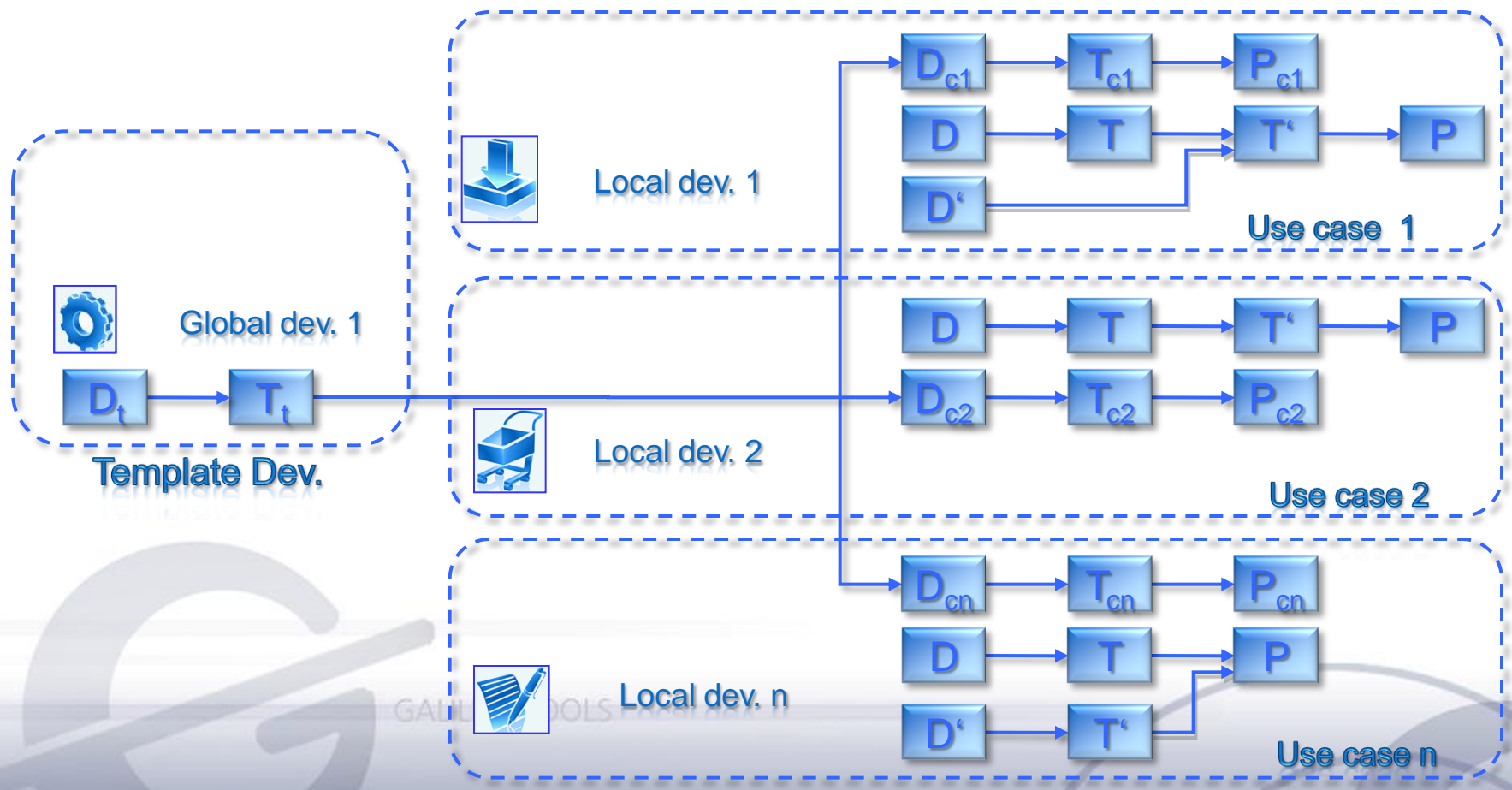
Covering the Life Cycle of a SAP Change



SAP Certified
Powered by SAP NetWeaver

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Comprehensive Support for SAP Templates

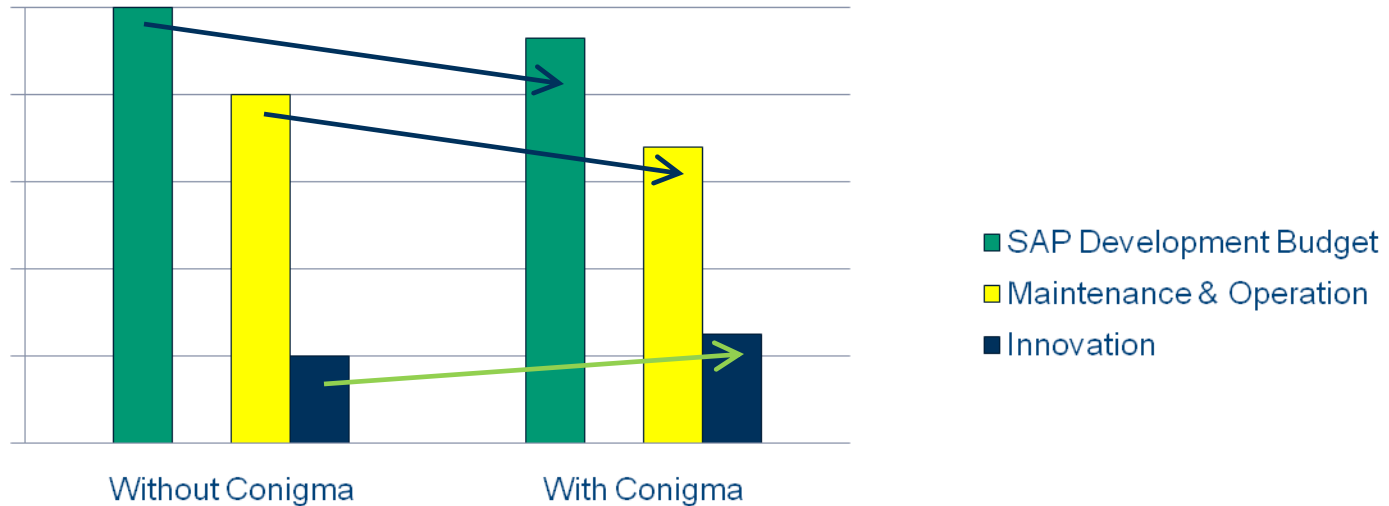


Conigma™ CCM

Optimizing budget allocation



budget allocation



Lower overall SAP Development budget

- but increase speed of innovation by allocating more money for innovation and establish more efficient development processes
- whilst reducing budget for maintenance and operation significantly due to automation

Conigma™ CCM – Benefits

- **Save up to 80% of the Change and Transport Management related Communication and Coordination effort**
 - This is about 5-10% of the overall effort of a complex SAP project
- **Achieve up to 30% faster development time**
 - Less rework, no delays due to miscommunication and manual tracking of progress
 - parallel work, i.e. development of software and development of test cases
- **Save up to 80% of reporting time to prove compliance**
- **Avoid up to 90% of change management related mistakes**
 - Transporting incomplete CR's
 - Transporting untested CR's, ...
 - Transporting CR's without completion of Non-SAP development tasks
- **Gain a 50% higher chance to identify and prevent critical risks**



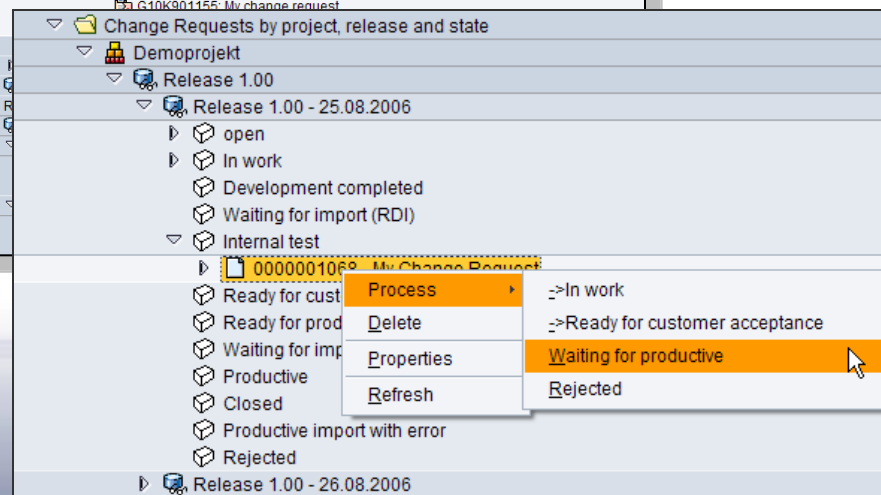
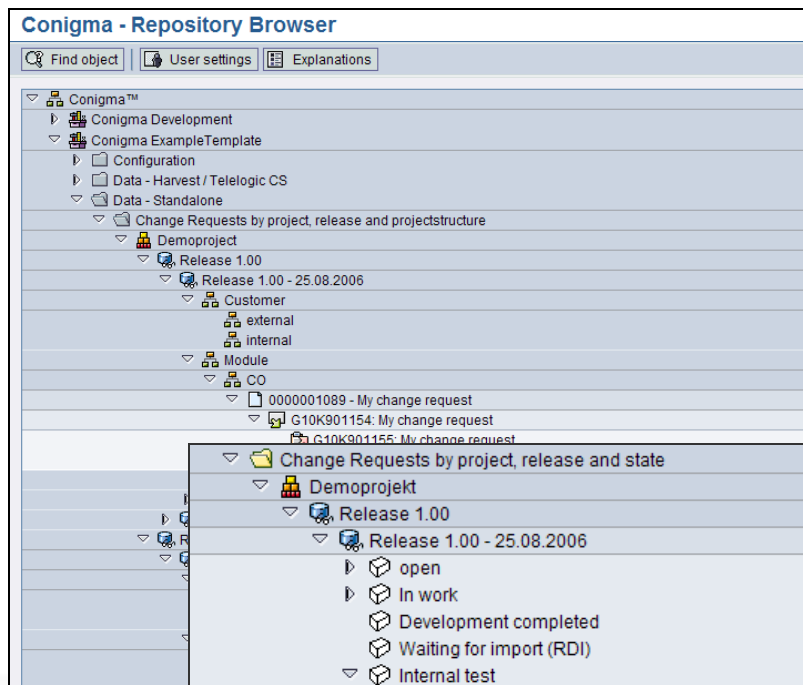
Conigma™ Modules and Options

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Conigma™ CCM – Repository Browser

- Structuring projects, release management
- Assigning SAP transports to change requests
- Performing workflow actions (e. g. approvals)
- Administration and configuration of Conigma™



Conigma™ CCM – Delivery Management Workbench



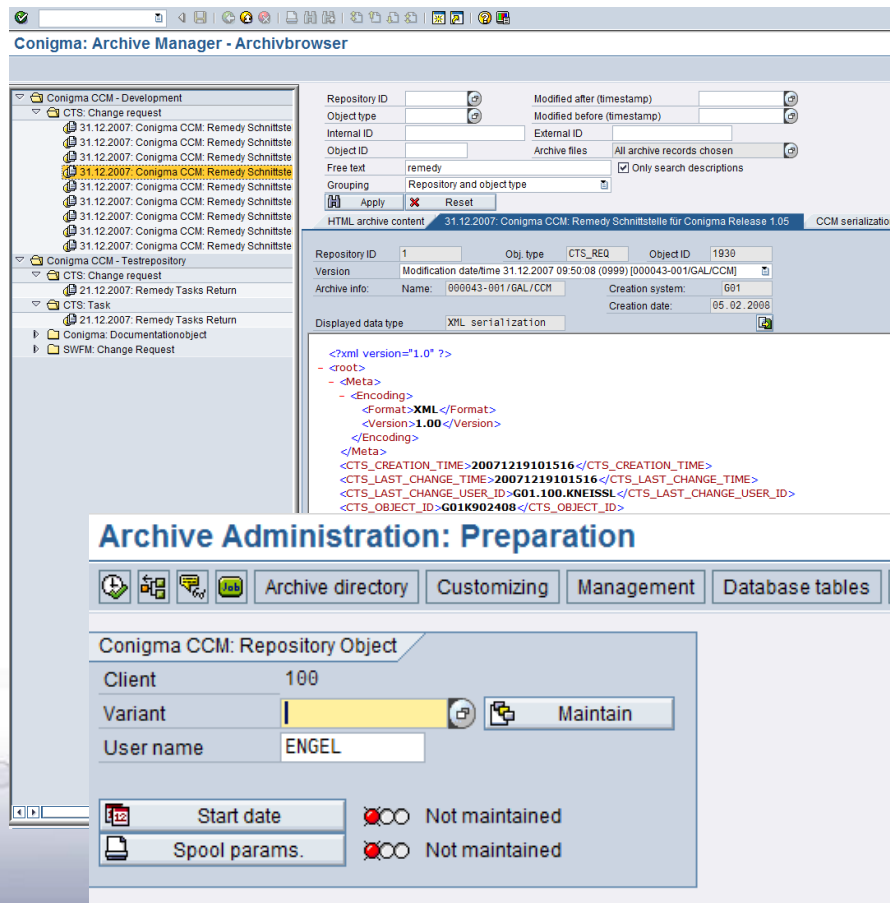
- Automating imports (across SAP landscapes)
- Adjust import queues (incl. consistency checks – i.e. “overtakers”)
- Optimizing import queues
- Supports special import options (e. g. import once or table entries)
- Offers filter and sort options
- Supports system refresh (e. g. transfer of productive to test environment)

The screenshot shows the 'Conigma - Delivery Management Workbench' application window. The main area is split into two panes. The left pane, titled 'Adjust TMS', contains three actions: 'Rebuild import queues', 'Adjust import queues' (highlighted in yellow), and 'Adjust request table'. Below these actions is a 'Simulate' button. The right pane, titled 'Request list', shows a table with columns for 'Before Adjustment' and 'After Adjustment'. The 'Before Adjustment' table has columns for Status, CTS Request, Target, Short description, and Info. The 'After Adjustment' table has columns for Status, CTS Request, and Info. A single row is visible in both tables, representing a request with ID G10K901171. The status is 'CTS Request' and the target is 'G13.100'. The description is 'Test Change Request'. Below the tables is an 'All messages' section with a table showing system messages.

Status	Date	Time	Description
i	08.10.2006	22:41:26	Conigma: Delivery Management Workbench (Release 3.00 - Build 1548)
i	08.10.2006	22:41:26	Business addin 'GAL/CCM_CONIGMA': No active implementation
i	08.10.2006	22:42:17	Request list does not contain errors
i	08.10.2006	23:09:49	Request list does not contain errors

Conigma™ CCM – Archive Manager

- Usage of standard SAP ArchiveLink interface
- Archives all change request meta data, e. g.
 - Documentation
 - Approvals
 - Workflow and audit trail
- Search and display of all meta data



The screenshot shows the 'Conigma: Archive Manager - Archivbrowser' application window. It features a tree view on the left with folders like 'Conigma CCM - Development' and 'Conigma CCM - Testrepository'. The main area displays search filters and a list of objects. Below the list, there is an 'Archive Administration: Preparation' section with various tabs and a detailed view of a repository object.

Archive Administration: Preparation

Client: 100
 Variant: [] [Maintain]
 User name: ENGEL

Start date	Not maintained
Spool params.	Not maintained

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Conigma™ CCM – Report Manager

- Configuration of user defined reports
- Pre-defined report templates
- Displays reports in HTML and MS-Excel

Conigma - Report Manager

Conigma - 3G
Releaseauswertung

CAPP REPORTING TAB.DESC.SEL(E) Reporting sheet

DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	PROXY_DESCRIPTION	DESCRIPTION
ERP Applikation	Release 2.0						
ERP Applikation	Release 3.0	Release 3.0	Notfallrelease 1.0		III_HR: Malte Klassen	open	
ERP Applikation	Release 3.0	Release 3.0	Notfallrelease 1.0		III_HR: Malte Klassen	In work	
ERP Applikation	Release 3.0	Release 3.0	Notfallrelease 1.0		III_HR: Malte Klassen	Development completed	
ERP Applikation	Release 3.0	Release 3.0	Notfallrelease 1.0		III_HR: Malte Klassen	Waiting for import (RDI)	

Properties of Releaseauswertung

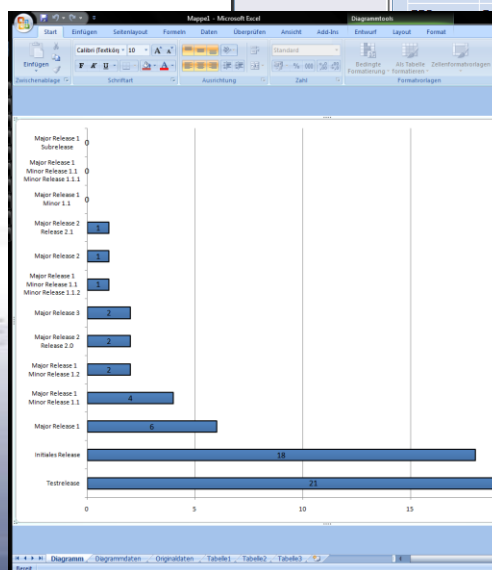
Overview Report views Selection Screen Reportlist output Excel Reports Object editor

Allgemein
Beschreibung: Releaseauswertung

Selektionsbild

Attribut	Beschreibung	Vorbelegung	Sichtbar	Efor...
FROM_STATE	From State	'0010'	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TO_STATE	To State	'0120'	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
INTEGRATION_MANAGER	Integration Manager	''	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RELEASE	Release	''	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CR_DESCRIPTION	CR Beschreibung	''	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TP_OWNER	Transport Request Owner	''	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Ok Cancel



Conigma™ JCM, XCM, EP integration of Non-ABAP objects



- Integrated management of Non-ABAP objects in the SAP change and release management process (documentation, approvals, audit trail)
- Fully automated transport processes for all kind of objects
- Integration of Enhanced CTS (also known as CTS+) for transport automation using the “Close Coupling „ method

The screenshot displays the Enprise Services Builder interface. The top window shows the 'Display Service Interface' for 'FlightBookingOrderConfirmation_Out'. The 'Definition' tab is active, showing a list of steps: 1. Select Source, 2. Select Objects, 3. Select Transport Request, and 4. Preview/Analysis. The 'Select Transport Request' step is highlighted, showing a request ID of 'G07K900029' and a description 'System G07: Development PI Component 2'. Below this, a 'Major Release 1' tree view is shown, listing various development and production objects. The object 'G07K900028: System G07: Entwicklung PI Komponente 1' is highlighted in blue. The bottom part of the screenshot shows a list of release steps, including 'Entwicklung abgeschlossen', 'Bereit für Import QA', 'In QA', 'Bereit für Produktion', and 'In Produktion'.

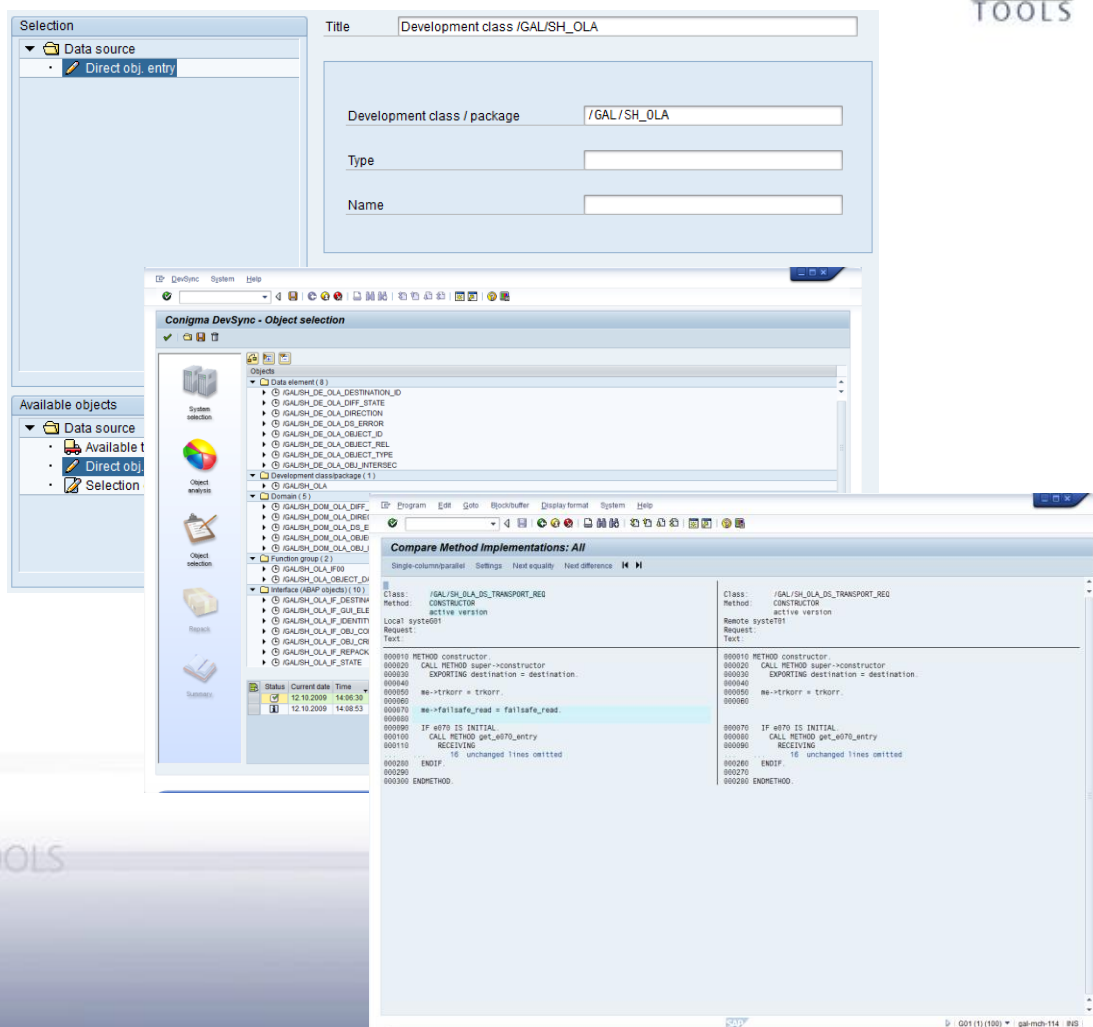
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Conigma™ DEVSYNC

Determines Differences between SAP Systems

- Automates creation of transport requests for all objects to be imported without conflicts – Customizing, ABAP, Non-ABAP objects
- Displays all objects that can not handled automatically during synchronization
- Allows manual interaction via graphical user interface
- Can be used stand-alone or as part of Conigma™ GALILEO TOOLS CCM



The screenshot displays the Conigma DevSync application interface. The top window shows a 'Selection' pane with 'Data source' and 'Direct obj. entry' options, and a 'Title' field set to 'Development class /GAL/SH_OLA'. Below this, there are input fields for 'Development class / package' (set to '/GAL/SH_OLA'), 'Type', and 'Name'.

The main window, titled 'Conigma DevSync - Object selection', shows a tree view of objects under 'Data element (8)' and 'Development classpackage (1)'. The 'Compare Method Implementations: All' window is open, showing a comparison of the 'CONSTRUCTOR' method between the local system and a remote system. The comparison shows that the local system has a constructor that calls 'EXPORTING destination = destination' and 'me->trkorr = trkorr', while the remote system has a constructor that calls 'EXPORTING destination = destination' and 'me->trkorr = trkorr'. The local system also has a constructor that calls 'me->fallsafe_read = fallsafe_read'.

Local system	Remote system
000010 METHOD constructor	000010 METHOD constructor
000020 CALL METHOD super->constructor	000020 CALL METHOD super->constructor
000030 EXPORTING destination = destination.	000030 EXPORTING destination = destination.
000040	000040
000050 me->trkorr = trkorr.	000050 me->trkorr = trkorr.
000060	000060
000070 me->fallsafe_read = fallsafe_read.	
000080	
000090 IF #070 IS INITIAL	000070 IF #070 IS INITIAL
000100 CALL METHOD get_w070_entry	000080 CALL METHOD get_w070_entry
000110 RECEIVING	000090 RECEIVING
10 unchanged lines omitted	10 unchanged lines omitted
000200 ENDP.	000200 ENDP.
000290	000270
000300 ENDMETHOD.	000280 ENDMETHOD.

Conigma™ QCOPY

Automatic Generation of Import Queue after System Copy or Refresh

- Creation of queues for additional clients via mapping of source and target client
- Identification / transfer of unconditional modes
- Identification / transfer differences after system copies or recoveries
- Manual interventions possible
- Import of discovered differences after system copies or recoveries
- Usage of virtual queues

Conigma QCopy

Systemdaten

Transportdomäne: DOMAIN_G00

System (SID):

Ref.system (SID):

Systemdaten einlesen

Zielqueue überprüfen

Queue anpassen

Delta importieren

Copy-Modus

Restore-Modus

Beim Lesen sperren

Export (.csv)

Importoptionen

Berechnete Queue verwenden

Ursprüngl. Queue verwenden

Referenzqueue verwenden

Systemfremde Aufträge verwerfen

Komplette Importhistorie beachten

Zielmandantenmapping

Quelle	Ziel

Kopierendes Mapping

Aktuelle Queue

Wegfall	Nr	Auftrag	T	QM	Mdt	RC	I	UMO	Inhaber	Projekt	Kurztext	Ak	St
	10	L31K900985	W	100	150	◇	w	J	GALILEO		Qcopy test #03	✖	▲
	11	L31K900985	W	100	200	◇	w		GALILEO		Qcopy test #03	✖	▲
	12	L31K900985	W	100	250	◇	w		GALILEO		Qcopy test #03	✖	▲
✖	13	L31K900988	K	100	100	◇	k		GALILEO		Qcopy test #05	✖	▲
	14	L31K900988	K	100	150	◇	k		GALILEO		Qcopy test #05	✖	▲
	15	L31K900988	K	100	200	◇	k		GALILEO		Qcopy test #05	✖	▲
	16	L31K900988	K	100	250	◇	k		GALILEO		Qcopy test #05	✖	▲

Queue nach Anpassung

DQ	Po	Nr	Auftrag	T	QM	Mdt	RC	I	UMO	Inhaber	Projekt	Kurztext	Ak	St
▲	+	395	L31K900987	K	100	150	◇	k		GALILEO		Qcopy test #04	✖	▲
▲	+	396	L31K900987	K	100	200	◇	k		GALILEO		Qcopy test #04	✖	▲
▲	↓	397	L31K900981	W	100	150	◇	w		GALILEO		Qcopy test #01	✖	▲
▲	↓	398	L31K900981	W	100	200	◇	w		GALILEO		Qcopy test #01	✖	▲
▲	↓	399	L31K900981	W	100	250	◇	w		GALILEO		Qcopy test #01	✖	▲
	↓	400	L31K900983	W	100	150	◇	w		GALILEO		Qcopy test #02	✖	▲
	↓	401	L31K900983	W	100	200	◇	w		GALILEO		Qcopy test #02	✖	▲
	↓	402	L31K900983	W	100	250	◇	w		GALILEO		Qcopy test #02	✖	▲
▲	↓	403	L31K900985	W	100	150	◇	w		GALILEO		Qcopy test #03	✖	▲

Conigma™

Summary



- **IT governance and compliance for SAP “out-of-the-box”**
- **Introduction and enforcement of standards for SAP change process**
- **IT cost reduction and resources optimization**
- **Better quality and higher reliability of SAP changes**
- **Allows geographical distribution of SAP maintenance and operation**

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Thank you for your attention

Questions?

Galileo Tools GmbH
Perchtinger Str. 6
81379 Munich
Germany

info@galileo-group.de
Tel. +49 89 710 463 60

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