D Overview of Relevant Enhancements

The following sections provide a selection of business add-in (BAdI) definitions that we consider the most relevant based on our experience. You can use them in various ways to implement identified requirements with standard means. Consider the list just a prompt for thinking; we make no claim of completeness.

D.1 Enhancements in SAP RPM

Table D.1 provides an overview of the relevant enhancements in SAP RPM. The list is grouped by main functional areas.

Grouping	
Description	BAdI Definition ID
Portfolio Object Master Data	
Bucket enhancement	/RPM/EX_BUCKET_BADI
Collection enhancement	/RPM/EX_COLLECTION_BADI
Custom fields for items	RPM_PROJ_CUST_FIELDS
Decision point object	/RPM/DECISION_POINT
Item/decision point UI actions	/RPM/ITEM_API
Review enhancement	/RPM/EX_REVIEW_BADI
RPM object support services (4.0 and higher)	/RPM/OBJECT_SERVICES
RPM: Object support services (2.0 and higher)	RPM_OBJECT_SERVICES
Portfolio enhancement	/RPM/EX_PORTFOLIO_BADI
What-if enhancement	/RPM/EX_WHATIF_BADI
Decision Flow Management	
Initiative	INM_INITIATIVE_O_BADI
Initiative status flow	INM_EX_INITIATIVE_STATUS

Table D.1 BAdI Enhancement Definitions in SAP RPM

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Initiative template	INM_INITIATIVE_T_BADI
Mappings between DFM objects	INM_DFM_MAP_OBJECT_DATA
Object consistency check	/RPM/EX_OBJ_CONSISTENCY_BADI
Object synchronization	INM_OF_SYNC
Scenario ID determination	INM_DFM_SYNCH_SCENARIO
Timeline monitor	INM_GANTT
Financial and Capacity Planning	
Capacity enhancement	/RPM/EX_CAP_PLAN_BADI
Capacity enhancement (bucket)	/RPM/EX_CAP_B_PLAN_BADI
Financial enhancement	/RPM/EX_FIN_PLAN
Financial enhancement (bucket)	/RPM/EX_FIN_B_PLAN_BADI
Financial/Capacity Planning	/RPM/FIN_CAP_PLAN
Integration with Other Project Management Systems	
Mapping of RPM item to base cProjects fields	/RPM/CP_CUST_FIELDS
Mapping of RPM item to MS Project fields	/RPM/MSP_CUST_FIELDS
Mapping of RPM item to PS project fields	/RPM/PLMPS_CUS_FIELD
Mapping of RPM item to PD concept fields	RPM_XPD_CUST_FIELDS
Mapping of portfolio project to base cProjects project fields	DPR_CP_CUST_FIELDS
Mapping of cProjects project to MS Project fields	DPR_MSP_CUST_FIELDS
Mapping of cProjects project to PS project fields	DPR_PLMPS_CUS_FIELD
Resource Management	
Calculate availability of business partners	RPM_CALC_BUPA_BPFTE
Calculate icon for resource management	RPM_RM_ICON_CALC
RPM business partner custom fields	RPM_BUPA_CUST_FIELDS
Resource custom fields	/RPM/PERSON_CUST_FLD

Table D.1 BAdI Enhancement Definitions in SAP RPM (Cont.)

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ALE Distribution from HCM Component	
Inbound time processing for HR header segment	RPM_HR_IN_IF001
Inbound time processing for original system segment	RPM_HR_IN_IF002
Inbound time processing for availability segment	RPM_HR_IN_IF003
Inbound time processing for absence segment	RPM_HR_IN_IF004
Inbound time processing for rate segment	RPM_HR_IN_IF005
Inbound time processing for general segment	RPM_HR_IN_IF006
Inbound processing of time data by the customer	RPM_PROCESS_DATA
Other	
ACL authorization for RPM	/RPM/AUTHORIZATION
Create user name	RPM_CREATEUSR_NAME
Financial interface RPM: Inbound processing	RPM_FIN_IF_IN
Print forms for fact sheet	/RPM/EX_PFSFORM_BADI
Threshold values for key figure monitor	INM_KFM_THRESHOLD

Table D.1 BAdI Enhancement Definitions in SAP RPM (Cont.)

D.2 Enhancements in cProjects

Table D.2 provides an overview of the relevant enhancements in cProjects. The list is grouped according to the IMG main nodes.

IMG Node	
Description	BAdI Definition ID
Global Enhancements to Project Elements	
Adjust search results list	BADI_DPR_SEARCH
Check/Change fields in cProjects	DPR_ATTRIBUTES
Check or change graphical view display	DPR_GANTT
Events in cProjects application objects	DPR_EVENTS

Table D.2 BAdI Enhancement Definitions in cProjects

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Structure	
Deactivate object types	DPR_DEACTIVATE_TYPES
Hide tab pages	DPR_DETAIL_TAB_CTRL
Influence or check functions in multi-project management	DPR_MPM
Make settings for scheduling	DPR_SCHEDULING
Accounting Integration	
Additional attributes for replication using single-object controlling	DPR_FIN_GECCO_ATTR
Change costing data for single-object controlling	DPR_FIN_GECCO_CALC
Enhancement for manual multilevel controlling	DPR_FIN_GECCO_MANUAL
Evaluations	
Buffer object links	DPR_EVE_OBL_PREREAD
Change alerts from severities in cProjects	DPR_ALERTS
Change dashboard attributes	DPR_EVE_DASHBOARD
Fill additional attributes	DPR_EVE_ATTRIBUTES
Resource Management	
Additional authorization assignment in staffing process	DPR_AUTH_STAFFPRO
Configure resource search	DPR_RES_SEARCH
Control the truncation and deletion of roles and staffing	DPR_TRUNCATE
Custom fields of business partner for display in PRP	PRP_BUPA_CUST_FIELDS
Define assigned structural profiles	HRBAS00_GET_PROFL
Determine relevant organizational units for staffing process	PRP_STAFF_ORG_UNITS
Structural authorization	HRBAS00_STRUAUTH

Table D.2 BAdI Enhancement Definitions in cProjects (Cont.)

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Others (Basic Settings, Documents)	
Change WebDAV attributes of the cProjects objects to be transferred	BADI_CPRO_CHANGE_PROPS_DPR
Forms	DPR_SMARTFORM
PDF-based forms	DPR_PDF_FORM
BAdIs for Custom Fields in BAPIs	
Approval for phase	BAPIEXT_BUS2173_APP
Approval (individual) for phase	BAPIEXT_BUS2173_IAPP
Checklist header	BAPIEXT_BUS2176
Checklist item	BAPIEXT_BUS2174
Phase	BAPIEXT_BUS2173
Project definition	BAPIEXT_BUS2172
Project role	BAPIEXT_BUS2177
Task	BAPIEXT_BUS2175
BAdIs for Custom Fields in BAPIs (templates)	
Approval for phase in a template	BAPIEXT_BUS2167_APP
Approval (individual) for phase in a template	BAPIEXT_BUS2167_IAPP
Checklist item in a template	BAPIEXT_BUS2168
Checklist reference	BAPIEXT_BUS2164
Checklist template	BAPIEXT_BUS2171
Phase in a template	BAPIEXT_BUS2167
Project definiton template	BAPIEXT_BUS2170
Project role in a template	BAPIEXT_BUS2178
Task in a template	BAPIEXT_BUS2169

Table D.2 BAdI Enhancement Definitions in cProjects (Cont.)

D.3 Enhancements in SAP ERP

Table D.3 provides an overview of the relevant enhancements in the context of accounting integration.

IMG Node	
Description	BAdI Definition ID
Controlling	
Characteristics of the CO account assignment to be created/changed	IAOM_ATTRIBUTES
Controlling parameters	IAOM_BUSINESS_SCENAR
cProjects costing integration	DPR_FINR3_CO_CALC
Description of project definition and WBS elements	GCC_PS_PROJECT_LABEL
Determine controlling scenario	IAOM_DET_CO_SCENARIO
IAOM0001: Change attributes of a controlling object	EXIT_SAPLIAOM_SERVICE_001

Table D.3 Relevant Enhancements to Accounting Integration in SAP ERP

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