

Assessment-Auswertung

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DAIMLERCHRYSLER

MBtech

Mercedes-Benz technology

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Abteilung Product Line Software Components (PSC)
Domäne Software Projekte
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Termin 19.-21.10.2005

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Bewertung

Level	1		2		3		4		5		Profil
Prozessattribut	1.1	2.1	2.2	3.1	3.2	4.1	4.2	5.1	5.2		
ENG.1.2	F	F	F	L	F						3
ENG.1.3	F	F	F	L	F						3
ENG.1.4	F	F	F	L	F						3
ENG.1.5	F	F	F	L	F						3
SUP.2	F	F	F	L	F						3
SUP.3	F	F	F	L	F						3
SUP.8	F	F	F	L	F						3
MAN.2	F	F	F	F	F						3

Optionale Prozesse (z.B. **ENG.2**)

ENG.1.2 Software Requirements Analysis Process

Rating Base Practices:			
	Base Practice	Level	
	ENG.1.2 BP1	Specify software requirements	F
	ENG.1.2 BP2	Determine operating environment impact	F
	ENG.1.2 BP3	Evaluate and validate requirements with customer	F
	ENG.1.2 BP4	Develop validation criteria for software	F
	ENG.1.2 BP5	Develop release strategy	F
	ENG.1.2 BP6	Update requirements	F
	ENG.1.2 BP7	Communicate software requirements	F
	ENG.1.2 BP8	Evaluate the software requirements	F
Average of Rating Base Practices		F	

Rating Management Practices:			
Process Attribute	Management Practice	Level	
PA 1.1	MP 1.1.1	Identification of work products	F
	MP 1.1.2	Identify scope of work	F
	MP 1.1.3	Ensure base practices	F
	Average of Rating PA 1.1		F
PA 2.1	MP 2.1.1	Identify objectives	F
	MP 2.1.2	Plan process	F
	MP 2.1.3	Assign responsibilities	F
	MP 2.1.4	Tracking performance	F
	Average of Rating PA 2.1		F
PA 2.2	MP 2.2.1	Identify requirements	F
	MP 2.2.2	Manage configuration	F
	MP 2.2.3	Identify dependencies	F
	MP 2.2.4	Manage quality	F
	Average of Rating PA 2.2		F
PA 3.1	MP 3.1.1	Identify standard process	F
	MP 3.1.2	Tailor standard process	F
	MP 3.1.3	Gather performance data	P
	MP 3.1.4	Establish understanding	L
	MP 3.1.5	Refine process	F
	Average of Rating PA 3.1		L
PA 3.2	MP 3.2.1	Identify roles, responsibilities	F
	MP 3.2.2	Provide resources	-
	MP 3.2.3	Identify infrastructure	F
	MP 3.2.4	Provide infrastructure	F
	Average of Rating PA 3.2		F

ENG.1.3 Software Design Process

Rating Base Practices:		
	Base Practice	Level
	ENG.1.3 BP1	Develop software architectural design
	ENG.1.3 BP2	Design interfaces
	ENG.1.3 BP3	Verify the software design
	ENG.1.3 BP4	Develop detailed design
	ENG.1.3 BP5	Establish traceability
	Average of Rating Base Practices	
		F

Rating Management Practices:		
Process Attribute	Management Practice	Level
PA 1.1	MP 1.1.1	Identification of work products
	MP 1.1.2	Identify scope of work
	MP 1.1.3	Ensure base practices
	Average of Rating PA 1.1	
		F
PA 2.1	MP 2.1.1	Identify objectives
	MP 2.1.2	Plan process
	MP 2.1.3	Assign responsibilities
	MP 2.1.4	Tracking performance
	Average of Rating PA 2.1	
		F
PA 2.2	MP 2.2.1	Identify requirements
	MP 2.2.2	Manage configuration
	MP 2.2.3	Identify dependencies
	MP 2.2.4	Manage quality
	Average of Rating PA 2.2	
		F
PA 3.1	MP 3.1.1	Identify standard process
	MP 3.1.2	Tailor standard process
	MP 3.1.3	Gather performance data
	MP 3.1.4	Establish understanding
	MP 3.1.5	Refine process
	Average of Rating PA 3.1	
		L
PA 3.2	MP 3.2.1	Identify roles, responsibilities
	MP 3.2.2	Provide resources
	MP 3.2.3	Identify infrastructure
	MP 3.2.4	Provide infrastructure
	Average of Rating PA 3.2	
		F

ENG.1.4 Software Construction Process

Rating Base Practices:			
	Base Practice	Level	
	ENG.1.4 BP1	Develop software units	F
	ENG.1.4 BP2	Develop unit verification procedures	F
	ENG.1.4 BP3	Verify the software units	L
	ENG.1.4 BP4	Establish traceability	F
Average of Rating Base Practices		F	

Rating Management Practices:			
Process Attribute	Management Practice	Level	
PA 1.1	MP 1.1.1	Identification of work products	F
	MP 1.1.2	Identify scope of work	F
	MP 1.1.3	Ensure base practices	F
	Average of Rating PA 1.1		F
PA 2.1	MP 2.1.1	Identify objectives	F
	MP 2.1.2	Plan process	F
	MP 2.1.3	Assign responsibilities	F
	MP 2.1.4	Tracking performance	F
Average of Rating PA 2.1		F	
PA 2.2	MP 2.2.1	Identify requirements	F
	MP 2.2.2	Manage configuration	F
	MP 2.2.3	Identify dependencies	F
	MP 2.2.4	Manage quality	F
Average of Rating PA 2.2		F	
PA 3.1	MP 3.1.1	Identify standard process	L
	MP 3.1.2	Tailor standard process	F
	MP 3.1.3	Gather performance data	P
	MP 3.1.4	Establish understanding	L
	MP 3.1.5	Refine process	F
Average of Rating PA 3.1		L	
PA 3.2	MP 3.2.1	Identify roles, responsibilities	F
	MP 3.2.2	Provide resources	-
	MP 3.2.3	Identify infrastructure	F
	MP 3.2.4	Provide infrastructure	F
Average of Rating PA 3.2		F	

ENG.1.5 Software Integration Process

Rating Base Practices:			
	Base Practice	Level	
	ENG.1.5 BP1	Develop software integration strategy	F
	ENG.1.5 BP2	Develop integrated software item regression test strategy	F
	ENG.1.5 BP3	Develop tests for integrated software items	F
	ENG.1.5 BP4	Test integrated software items	F
	ENG.1.5 BP5	Integrate software item	F
	ENG.1.5 BP6	Regression test integrated software items	F
	Average of Rating Base Practices		F

Rating Management Practices:			
Process Attribute	Management Practice	Level	
PA 1.1	MP 1.1.1	Identification of work products	F
	MP 1.1.2	Identify scope of work	F
	MP 1.1.3	Ensure base practices	F
	Average of Rating PA 1.1		F
PA 2.1	MP 2.1.1	Identify objectives	F
	MP 2.1.2	Plan process	F
	MP 2.1.3	Assign responsibilities	F
	MP 2.1.4	Tracking performance	F
Average of Rating PA 2.1		F	
PA 2.2	MP 2.2.1	Identify requirements	F
	MP 2.2.2	Manage configuration	F
	MP 2.2.3	Identify dependencies	F
	MP 2.2.4	Manage quality	F
Average of Rating PA 2.2		F	
PA 3.1	MP 3.1.1	Identify standard process	F
	MP 3.1.2	Tailor standard process	F
	MP 3.1.3	Gather performance data	P
	MP 3.1.4	Establish understanding	L
	MP 3.1.5	Refine process	F
Average of Rating PA 3.1		L	
PA 3.2	MP 3.2.1	Identify roles, responsibilities	F
	MP 3.2.2	Provide resources	-
	MP 3.2.3	Identify infrastructure	F
	MP 3.2.4	Provide infrastructure	F
Average of Rating PA 3.2		F	

SUP.2 Configuration Management Process

Rating Base Practices:			
	Base Practice		Level
		SUP.2 BP1	Develop configuration management strategy
	SUP.2 BP2	Establish configuration management system	F
	SUP.2 BP3	Identify configuration items	F
	SUP.2 BP4	Maintain configuration item description	F
	SUP.2 BP5	Manage changes	F
	SUP.2 BP6	Manage product releases	F
	SUP.2 BP7	Maintain configuration item history	F
	SUP.2 BP8	Report configuration status	F
	SUP.2 BP9	Manage the release and delivery of configuration items	F
Average of Rating Base Practices			F

Rating Management Practices:			
Process Attribute	Management Practice		Level
PA 1.1	MP 1.1.1	Identification of work products	F
	MP 1.1.2	Identify scope of work	F
	MP 1.1.3	Ensure base practices	F
	Average of Rating PA 1.1		F
PA 2.1	MP 2.1.1	Identify objectives	F
	MP 2.1.2	Plan process	F
	MP 2.1.3	Assign responsibilities	F
	MP 2.1.4	Tracking performance	F
	Average of Rating PA 2.1		F
PA 2.2	MP 2.2.1	Identify requirements	F
	MP 2.2.2	Manage configuration	F
	MP 2.2.3	Identify dependencies	F
	MP 2.2.4	Manage quality	F
	Average of Rating PA 2.2		F
PA 3.1	MP 3.1.1	Identify standard process	F
	MP 3.1.2	Tailor standard process	F
	MP 3.1.3	Gather performance data	P
	MP 3.1.4	Establish understanding	L
	MP 3.1.5	Refine process	F
	Average of Rating PA 3.1		L
PA 3.2	MP 3.2.1	Identify roles, responsibilities	F
	MP 3.2.2	Provide resources	-
	MP 3.2.3	Identify infrastructure	F
	MP 3.2.4	Provide infrastructure	F
	Average of Rating PA 3.2		F

SUP.3 Quality Assurance Process

Rating Base Practices:			
	Base Practice	Level	
	SUP.3 BP1	Develop quality assurance strategy	F
	SUP.3 BP2	Establish quality standards	L
	SUP.3 BP3	Define quality records	F
	SUP.3 BP4	Assure quality of process activities	F
	SUP.3 BP5	Assure quality of work products	L
	SUP.3 BP6	Report quality results	L
	SUP.3 BP7	Handle deviations	F
	Average of Rating Base Practices		F

Rating Management Practices:			
Process Attribute	Management Practice	Level	
PA 1.1	MP 1.1.1	Identification of work products	F
	MP 1.1.2	Identify scope of work	F
	MP 1.1.3	Ensure base practices	F
	Average of Rating PA 1.1		F
PA 2.1	MP 2.1.1	Identify objectives	F
	MP 2.1.2	Plan process	F
	MP 2.1.3	Assign responsibilities	F
	MP 2.1.4	Tracking performance	F
Average of Rating PA 2.1		F	
PA 2.2	MP 2.2.1	Identify requirements	F
	MP 2.2.2	Manage configuration	F
	MP 2.2.3	Identify dependencies	F
	MP 2.2.4	Manage quality	L
Average of Rating PA 2.2		F	
PA 3.1	MP 3.1.1	Identify standard process	F
	MP 3.1.2	Tailor standard process	F
	MP 3.1.3	Gather performance data	P
	MP 3.1.4	Establish understanding	L
	MP 3.1.5	Refine process	L
Average of Rating PA 3.1		L	
PA 3.2	MP 3.2.1	Identify roles, responsibilities	F
	MP 3.2.2	Provide resources	-
	MP 3.2.3	Identify infrastructure	F
	MP 3.2.4	Provide infrastructure	F
Average of Rating PA 3.2		F	

SUP.8 Problem Resolution Process

Rating Base Practices:			
	Base Practice		Level
		SUP.8 BP1	Establish problem report system
	SUP.8 BP2	Prioritize problems	F
	SUP.8 BP3	Determine actions for problems	F
	SUP.8 BP4	Track actions for problems	F
	SUP.8 BP5	Review and distribute solutions	F
	SUP.8 BP6	Analyze problem trends	F
	Average of Rating Base Practices		F

Rating Management Practices:			
Process Attribute	Management Practice		Level
PA 1.1	MP 1.1.1	Identification of work products	F
	MP 1.1.2	Identify scope of work	F
	MP 1.1.3	Ensure base practices	F
	Average of Rating PA 1.1		F
PA 2.1	MP 2.1.1	Identify objectives	F
	MP 2.1.2	Plan process	F
	MP 2.1.3	Assign responsibilities	F
	MP 2.1.4	Tracking performance	F
Average of Rating PA 2.1		F	
PA 2.2	MP 2.2.1	Identify requirements	F
	MP 2.2.2	Manage configuration	F
	MP 2.2.3	Identify dependencies	F
	MP 2.2.4	Manage quality	F
Average of Rating PA 2.2		F	
PA 3.1	MP 3.1.1	Identify standard process	F
	MP 3.1.2	Tailor standard process	F
	MP 3.1.3	Gather performance data	P
	MP 3.1.4	Establish understanding	L
	MP 3.1.5	Refine process	F
Average of Rating PA 3.1		L	
PA 3.2	MP 3.2.1	Identify roles, responsibilities	F
	MP 3.2.2	Provide resources	-
	MP 3.2.3	Identify infrastructure	F
	MP 3.2.4	Provide infrastructure	F
Average of Rating PA 3.2		F	

MAN.2 Project Management Process

Rating Base Practices:			
	Base Practice		Level
		MAN.2 BP1	Define the scope of work
	MAN.2 BP2	Determine development strategy	F
	MAN.2 BP3	Select software life cycle model	F
	MAN.2 BP4	Size and estimate tasks and resources	F
	MAN.2 BP5	Develop work breakdown structure	F
	MAN.2 BP6	Identify infrastructure requirements	F
	MAN.2 BP7	Establish project schedule	F
	MAN.2 BP8	Allocate responsibilities	F
	MAN.2 BP9	Identify interfaces	F
	MAN.2 BP10	Establish and implement project plans	F
	MAN.2 BP11	Track progress against plans	F
	MAN.2 BP12	Act to correct deviations	F
	Average of Rating Base Practices		F

Rating Management Practices:			
Process Attribute	Management Practice		Level
PA 1.1	MP 1.1.1	Identification of work products	F
	MP 1.1.2	Identify scope of work	F
	MP 1.1.3	Ensure base practices	F
	Average of Rating PA 1.1		F
PA 2.1	MP 2.1.1	Identify objectives	F
	MP 2.1.2	Plan process	F
	MP 2.1.3	Assign responsibilities	F
	MP 2.1.4	Tracking performance	F
	Average of Rating PA 2.1		F
PA 2.2	MP 2.2.1	Identify requirements	F
	MP 2.2.2	Manage configuration	F
	MP 2.2.3	Identify dependencies	F
	MP 2.2.4	Manage quality	F
	Average of Rating PA 2.2		F
PA 3.1	MP 3.1.1	Identify standard process	F
	MP 3.1.2	Tailor standard process	F
	MP 3.1.3	Gather performance data	L
	MP 3.1.4	Establish understanding	F
	MP 3.1.5	Refine process	F
	Average of Rating PA 3.1		F
PA 3.2	MP 3.2.1	Identify roles, responsibilities	F
	MP 3.2.2	Provide resources	-
	MP 3.2.3	Identify infrastructure	F
	MP 3.2.4	Provide infrastructure	F
	Average of Rating PA 3.2		F