



SDLC Journey at Avea with IBM Rational Jazz

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IBM Connected 2012

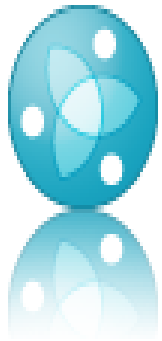
Next  NOW!

Agenda

1. SDLC Journey in Avea
2. Release Management
3. Documentation
4. Build Management

SDLC Journey

IBM Rational Products



Rational Team Concert

- ✓ Task tracking
- ✓ Source control
- ✓ Agile planning
- ✓ Automate build and release processes



Rational Requirements Composer

- ✓ Requirements definition
- ✓ Management
- ✓ Analysis

SDLC Journey

Why RTC for Change & Configuration Management

Before RTC

- Many code repositories
- Task management is in different legacy
- Lack of tracibility on code changes
- Developer trust ratio is high
- Less controlled check-in and deliver mechanism

Now

- One code repository
- Task management is in code repository.
- End-2-end tracibility on code changes.
- Developer trust ratio is low.
- Much more controlled check-in and deliver mechanism
- Opensource plugin development

Repository:
1

Streams:
277

Components:
4500

Plug-Ins:
2

SDLC Journey

Why RRC for Requirement Management & Documentation

Before RRC

- Documents are everywhere
- Document silos
- No history of documents
- Non-Standard documents
- High documentation time

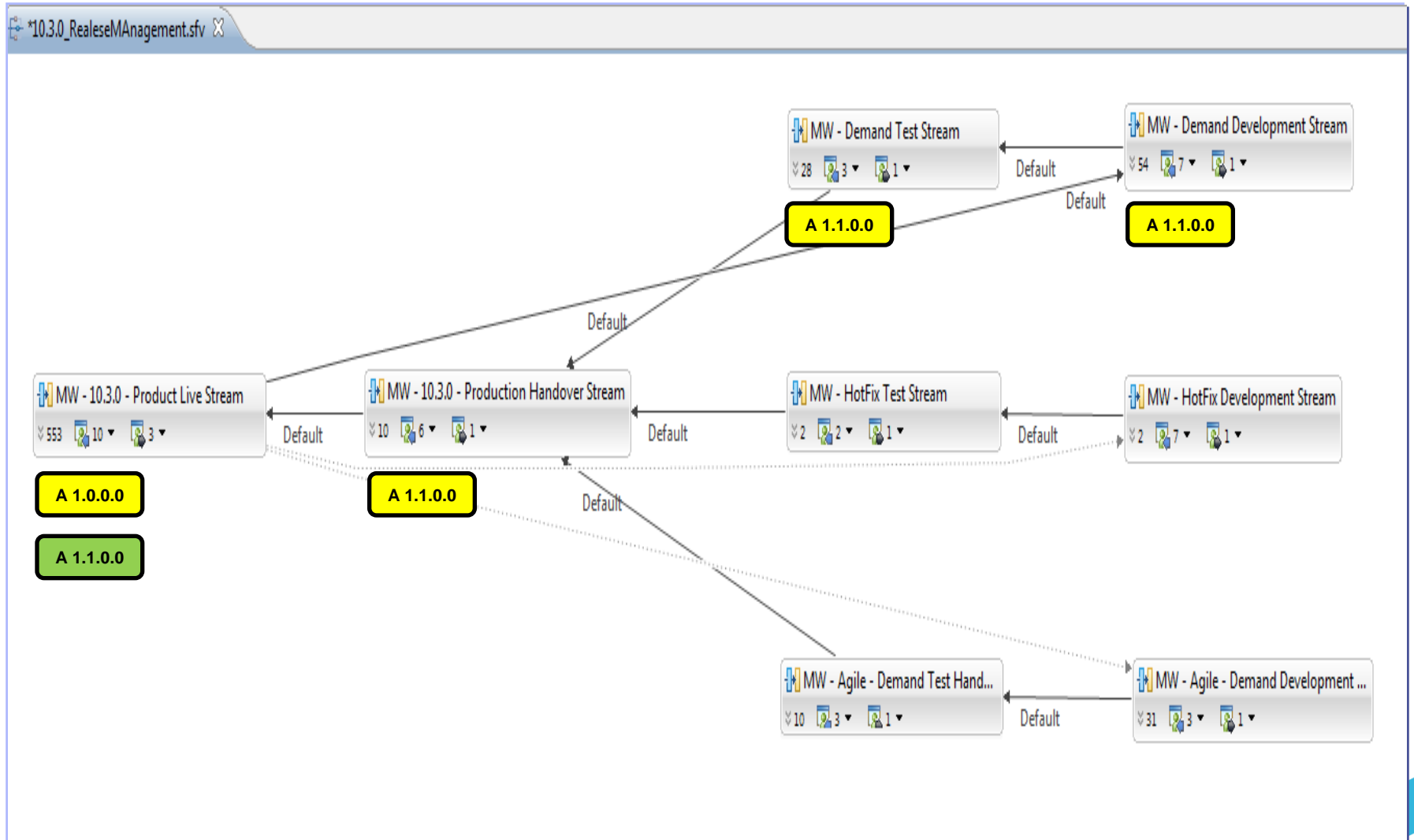
Now

- One document repository
- Product documentation
- Documents history and document comparison
- Standard templates
- Less documentation time
- Handover quality

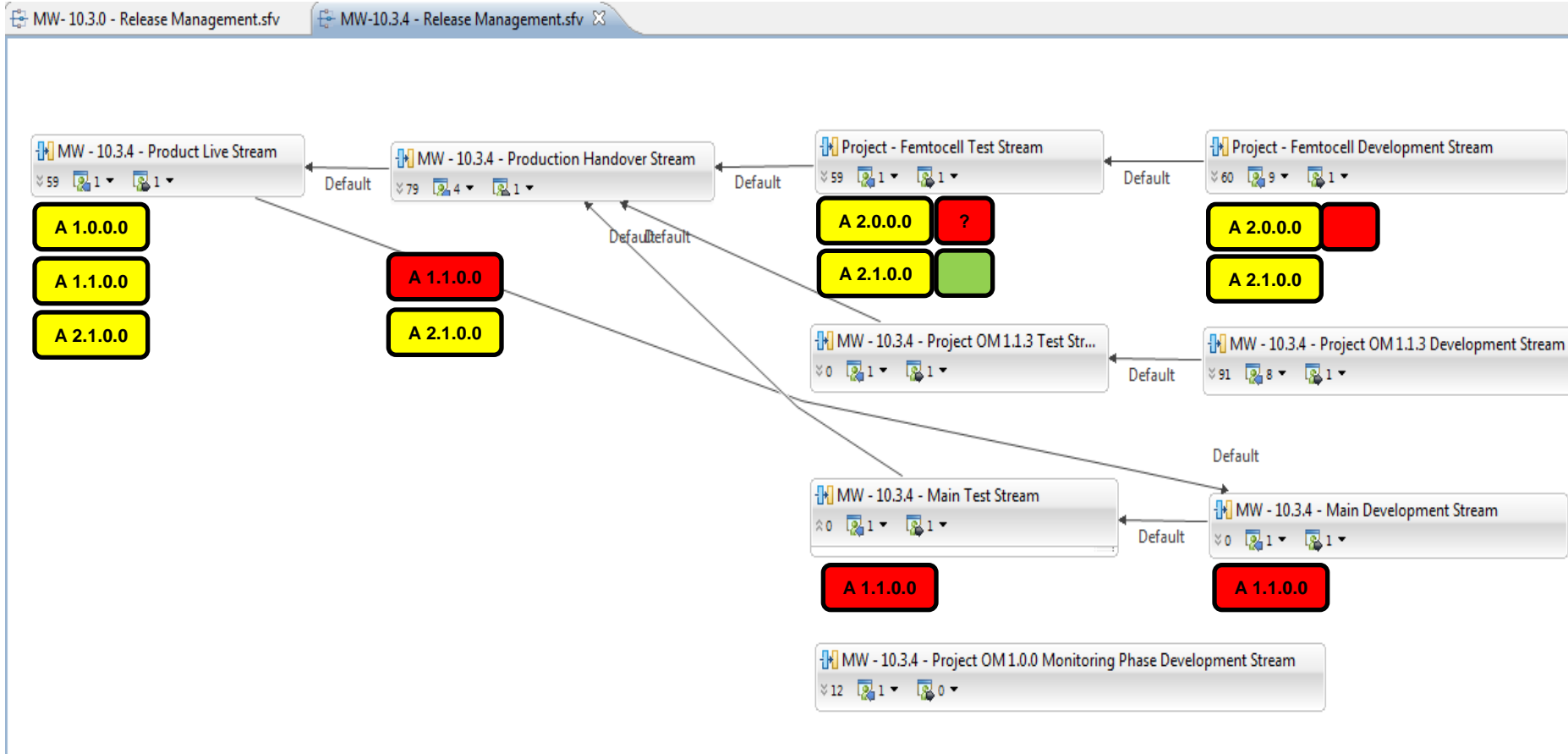
Repository:
1

Low
Documentation
Time

Release Management



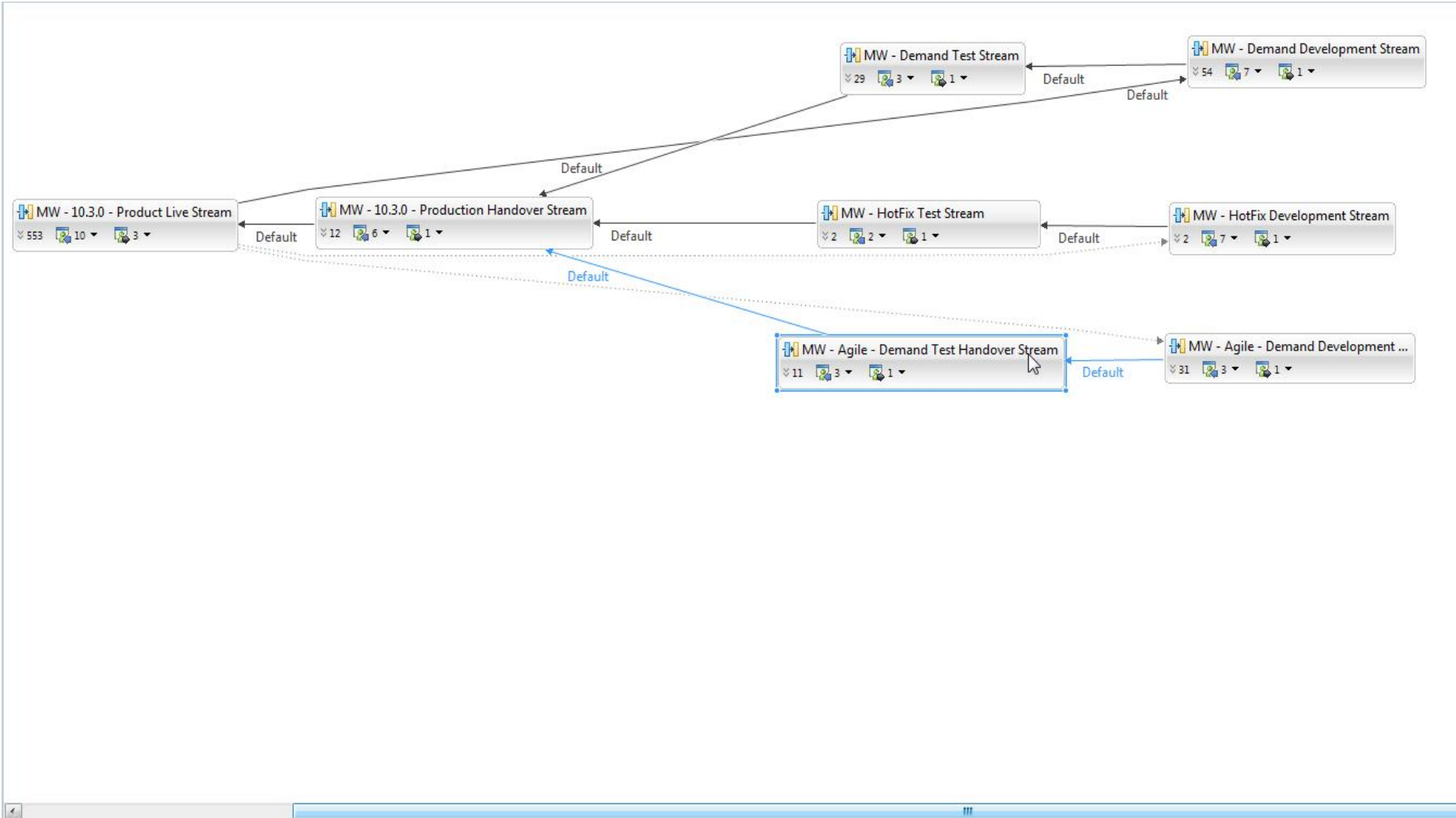
Release Management



Plugins

Stream	Component	Owner	BaseLine	Delivery Date	In/Out	Status
MW - Demand Test Stream	FreeUnit	SDLC Jazz Platform	Id:100,Version:1.8.1.0_test_demand_1.0.0	2012-09-18 15:05:39.237	0/0	
MW - Demand Development Stream	FreeUnit	SDLC Jazz Platform	Id:98,Version:1.8.1.0_dev_demand_1.0.0	2012-09-18 14:46:07.052	0/0	
MW - Agile - Demand Test Handover Stream	FreeUnit	Fatma Arik	Id:102,Version:1.8.1.0_test_agile_1.0.0	2012-10-11 11:09:09.068	1/2	Merge-Possibility
MW - Agile - Demand Development Stream	FreeUnit	Fatma Arik	Id:101,Version:1.8.1.0_dev_agile_1.0.0	2012-10-11 10:53:37.351	1/2	Merge-Possibility
MW - 10.3.0 - Product Live Stream	FreeUnit	Gurkan Cicek	Id:95,Version:1.7.1.0_prod_AgileDemand_Sprint43	2012-06-12 14:04:45.206	0/2	Update

Plugins



Documentation

The screenshot displays the Rational Requirements Composer interface. The main workspace shows a requirements diagram with the following structure:

- Node **1185: EBS_SEARCH_CUSTOMER** (document icon) is linked to:
 - Node **11797: TestScope** (document icon) via a "Link To" relationship.
 - Node **1184: Workflow_EBS_SEARCH_CUSTOMER** (diamond and square icons) via a "Link To" relationship.
 - Node **1181: Handover** (document icon) via a "Link To" relationship.
 - Node **1177: Parameters** (document icon) via a "Link To" relationship.
- Node **1209: Workflow_EBF_FL1004_SearchCustomer** (diamond and square icons) is a "Child Of" node for **1184: Workflow_EBS_SEARCH_CUSTOMER**.
- Node **1211: EBF_FL1004_SearchCustomer** (document icon) is a "Link From" node for **1209: Workflow_EBF_FL1004_SearchCustomer**.
- Node **1304: Workflow_ABCS_SIEBEL_SEARCH** (diamond and square icons) is a "Child Of" node for **1209: Workflow_EBF_FL1004_SearchCustomer**.

The bottom of the window shows a test suite execution log:

TestCases	TestSuite Coverage
addIMSitoDeviceAccessList-Success-TestCase	

Additional details in the bottom right corner:

- TAM Domain:
- Security: isEnabled: false

Build Management

MW- 10.3.0 - Release Management.sfv MW-10.3.4 - Release Management.sfv *MW - Femtocell Development - Build

Build Definition ⚠ 1 warning detected

ID: MW - Femtocell Development - Build Project or Team Area: Aveda Development Group

Name	Value	Description
baseline.components	EBF_FL2930_ModifyFEMTOAccessList	
BPEL.MDS.FolderName	Schemas	
BPEL.MDS.URL	http://10.248.66.87:18001/soa-infra/deployer	
BPEL.Override	true	
BPEL.Weblogic.Password	.....	weblogic password
BPEL.Weblogic.URL	http://10.248.66.87:18001	
BPEL.Weblogic.User	.....	weblogic user
OSB.Config.Project.Name	OSBConfiguration	
OSB.Export.IncludeDependency	false	
OSB.Proxy.Folder.Suffix	proxy	It will be conconcatated as \${baseline.component}/\${OSB....
OSB.Proxy.Replace.Version.Token	@{1,}?Rev:(.*)@{1,}?	Token is represented as regular expression syntax
OSB.Proxy.Suffix	_WS_PS	It will be conconcatated as \${baseline.component}\${OSB....
OSB.Unix.Domain.Library.Path	/product/osb1034/domains/OMDomain/lib	
OSB.Unix.Password	.....	unix password
OSB.Unix.User	.....	unix user
OSB.Unix.XPath.Library.Path	/product/osb1034/osb_10.3.4/Oracle_OSBI/config/xpath-functions	
OSB.Weblogic.Domain.Hosts	10.248.66.43	Enter hosts (IPs) delimited by ; character!
OSB.Weblogic.Password	.....	weblogic password
OSB.Weblogic.URL	t3://10.248.66.43:12001	
OSB.Weblogic.User	.....	weblogic user
team.scm.loadComponents	_rBdDMU4vEeC1HZjsEveJlw_QvkhkKcVEeCQn9N36KrHPw_QwUJcqcVEeC...	
version_number	"3.0.0.5 dev femto 1.0.0"	version number

Time: %90

Errors decreased

Overview Schedule Properties Email Notification ⚠ Jazz Source Control Ant

Builds 🔍 📄 📄

MW - Femtocell Development - Build - Found 117 Builds (10746 ms)

	Build	Label	Progress	Estimated Completion	Start Time	Duration	Tags
✓	MW - Femtocell Development - Build	20120207-1459	Completed		February 7, 2012 3:00:08 PM	5 minutes, 33 seconds	
✓	MW - Femtocell Development - Build	20120206-1441	Completed		February 6, 2012 2:42:12 PM	4 minutes, 4 seconds	
✓	MW - Femtocell Development - Build	20120203-1639	Completed		February 3, 2012 4:39:30 PM	5 minutes, 38 seconds	
✓	MW - Femtocell Development - Build	20120127-1404	Completed		January 27, 2012 2:04:34 PM	2 minutes, 54 seconds	



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QUESTIONS

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SDLC Journey

High Level Roadmap

