OSLC PLM Workgroup

Working meeting

Mar 30th 2010

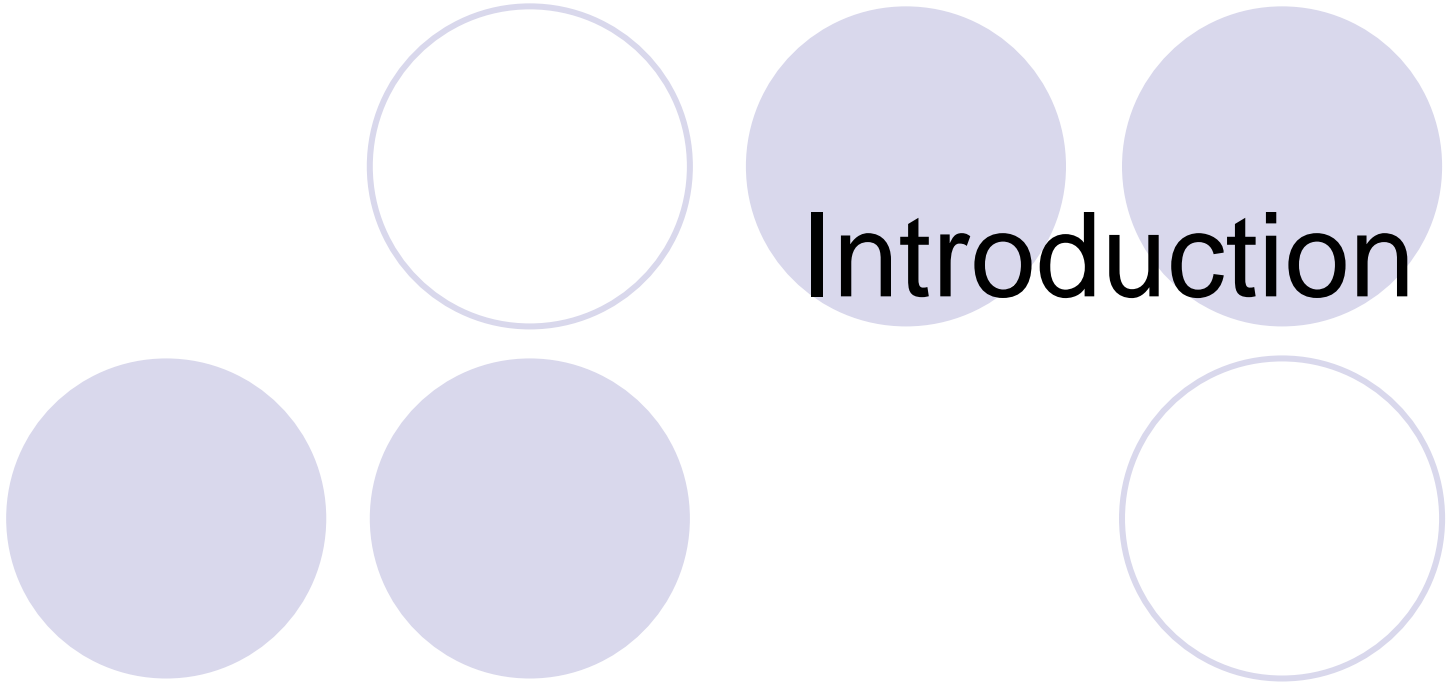open-services.net

V0.2

Organisers today

- Workgroup lead: Rainer Ersch, Siemens
- Coordinator: Gray Bachelor, IBM

Today's agenda

- Introduction
  - Roll call and brief introductions- welcome new members
  - Objectives for this meeting
- Matters arising from previous meetings
  - Summarise PLM Workgroup inaugural meeting of March16th and review progress of the Action plan
  - Comments upon and matters arising from the last PLM Workgroup Main meeting
- PLM scenarios
  - Discuss ALM-PLM areas of concern
  - Discuss posted PLM scenarios
  - Discuss criteria for focus and selection
  - Vote on prioritization of ALM-PLM areas of concern
- Other topics
  - Discussion on promotion of the PLM Workgroup to other companies
  - Proposal for next meetings
    - Next Main meeting April 20th 11am EDT
  - Any other business
- Action plan
- Summary
- Close

Introduction

Roll call

- Please briefly state your name, organisation, role

- If you are in the web conference put your details in a chat
  - Send to "All"
- If not please send an email to gray_bachelor@uk.ibm.com

Today's objectives

1. To decide initial priorities

   1. ALM – PLM areas of concern

   2. Currently offered scenarios

2. To decide how to promote the PLM Workgroup

3. To agree next working meeting

Proposed aims of an OSLC PLM workgroup

- Evaluate applicability of existing OSLC specifications towards use in an ALM/PLM setting

- Contribute towards extension or new OSLC specifications base upon need or ALM/PLM collaborations

Summary of last Main meeting

Held on Mar 16th 2010

March 16th Attendees

- Rainer Ersch (Siemens, lead)
- GrayBachelor (IBM, organizer)
- BrendaEllis (Northrop Grumman)
- CharlesKrueger (BigLever)
- Pascal Vera (Siemens)
- DaveJohnson (IBM)
- ScottBosworth (IBM)
- AndreasKeis (EADS)
- RochBertucat (ENEA)

Topics addressed at the last meeting

- Revisit objectives

- Handle questions on Terms of use

- Discussion of the scope of the ALM-PLM topics of interest

- Introduce scenarios

- Next meetings

Actions agreed and progress at 30/3

#	Description	Source	By whom	By when	Status
1	Access scenario pages on wiki	Main 16/2/2010	All Community members	16/3	Underway
7	Start glossary	Main 16/2/2010	Scott	19/2	Underway
8	Arrange next Working session March 30th 11am EDT	Main 16/3/2010	Gray/Rainer	30/3	Done
9	Call for voting	Main 16/3/2010	Gray/Rainer	30/3	Done
10	Add covenant to PlmHome	Main 16/3/2010	Scott	30/3	Done

PLM Scenarios

Background to the ALM-PLM areas of interest in the OSLC workgroup

- These represent areas that have come up in real cases

- Offered from experience of
  - PLM process integration
  - ALM-PLM integration scenarios
  - CALM for Systems

- 6 topics were identified with a 7th added at the Feb 16th meeting for Configuration Management

ALM-PLM topics of interest

1. PLM product or System identities used within the ALM environment such as to name (e.g. identify, classify or associate) activities and artefacts
2. Location of ALM content from a PLM or system context and/or location of relevant PLM content from an ALM or system context
3. ALM deliveries of product or system content (artefacts) into a PLM setting such as part of a release managed by PLM
4. Flows of plans, requirements, quality info and changes activities and items between ALM and PLM or System context
5. Analytics, reporting from ALM to PLM, from PLM to ALM or combinations including a System context
6. Organisation, role, approvals and authorities affecting ALM in a PLM setting or System context
7. Establishment, association and maintenance of configurations, variants, options and their effectivity

ALM-PLM areas of interest #1

- PLM product or System identities used within the ALM environment such as to name (e.g. identify, classify or associate) activities and artefacts
- e.g. to label an ALM task as being "for" a product or system project
- e.g. to label a document in ALM as being "for" a product or system project
- e.g. label an artefact or delivery in PLM as being of type ALM
- Scenario:
  - Within ALM a devt work item is associated with an existing Product
  - Within ALM a devt work item is associated with an existing Product release project code name or System platform release programme*
  - Within PLM annotate product content as being of type ALM

* Note this may not "tie" an item directly to a specific configuration

ALM-PLM areas of interest #2

- Locate ALM content from a PLM or system context and/or location of relevant PLM content from an ALM or system context
- e.g. to identify available product or project names to associate an artefact or activity in ALM
- e.g. to identify PLM classifications for ALM content
- Scenario
  - Within ALM locate the available "valid" Product or project
    - Valid by way of authority, filters, criteria e.g. organization, product family
- e.g. To identify relevant (all existing) ALM content directly associated with a Product or Project known to PLM
- Scenario
  - Within ALM query artefacts or activities using a Product or project identity provided from PLM
  - Within PLM query ALM content

ALM-PLM areas of interest #3

- ALM deliveries of product or system content (artefacts) into a PLM setting such as part of a release managed by PLM

- e.g. Promotion of an ALM delivered item, configuration, part or document, to a PLM release by way of
  - release identity
  - item descriptors for the PLM environment
  - notification of availability
  - authority
  - Transfer to PLM

- Scenario:
  - Within ALM allocate an ALM item to a PLM managed release
  - Within ALM promote an ALM item for a PLM managed release
  - Within ALM promote an ALM configuration towards a PLM managed configuration

ALM-PLM areas of interest #4

- Flows of plans, requirements, quality info and changes activities and items between ALM and PLM or System context
- e.g to Synchronise activity or artefact information or links
- Scenarios:
  - Transfer a record or artefact between ALM & PLM
  - Maintain a link and notify of changes to state of content at link between ALM & PLM
  - Instantiate an ALM workflow from PLM
  - Instantiate a PLM workflow from ALM
  - Transition an ALM workflow in PLM
  - Transition an ALM workflow in ALM

ALM-PLM areas of interest #5

- Analytics, reporting from ALM to PLM, from PLM to ALM or combinations including a System context
- e.g. to enable visibility of process or content measurements for governance or activity closure/sign off
- e.g. query PLM product schedule from ALM
- Scenarios:
  - Make a PLM product process query from ALM
  - ALM to setup a reporting event rule in PLM
  - ALM to report an event to PLM
  - PLM to setup a reporting event rule in ALM
  - PLM to report an event to ALM
  - ALM to access a PLM process measure report
    - SW Devt manager query a product milestone (date)
  - PLM to access an ALM process measure report
    - Program Manager query the status of a SW component

ALM-PLM areas of interest #6

- Organisation, role, approvals and authorities affecting ALM in a PLM setting or System context

- e.g. Assignment of organisational responsibility for an activity or artefact

- Scenarios:
  - Addition of PLM roles to an ALM workflow
  - Approval of ALM activity from PLM role
  - Setting of activity or data access rights from PLM context within ALM
  - Addition of PLM user identities in ALM
  - Query of role or user rights across ALM and PLM

ALM-PLM areas of interest #7

- Establishment, association and maintenance of configurations, variants, options and their effectivity
  - e.g. Establish a partially populated Config of identities, structure of activities and artefact. Impose an initial CM regime.
    - Templates, Make from
  - e.g Register identity of a configured item (CI)
    - Identities, Notification, Authorities, Versioning rules
  - e.g. Notify of updates to CIs
    - Initiate workflow to handle updates
  - Scenarios
    - Establish PLM configured ALM or hybrid structures
    - Allocate an ALM item to a PLM configuration
    - "Make from" in ALM from PLM held config
    - "Make from" in PLM from an ALM delivery template
    - Maintain association between ALM and PLM configurations
    - Apply Change control to a combination of configurations in ALM and PLM
    - Compare ALM configurations across ALM and PLM

Scenarios built up on the wiki
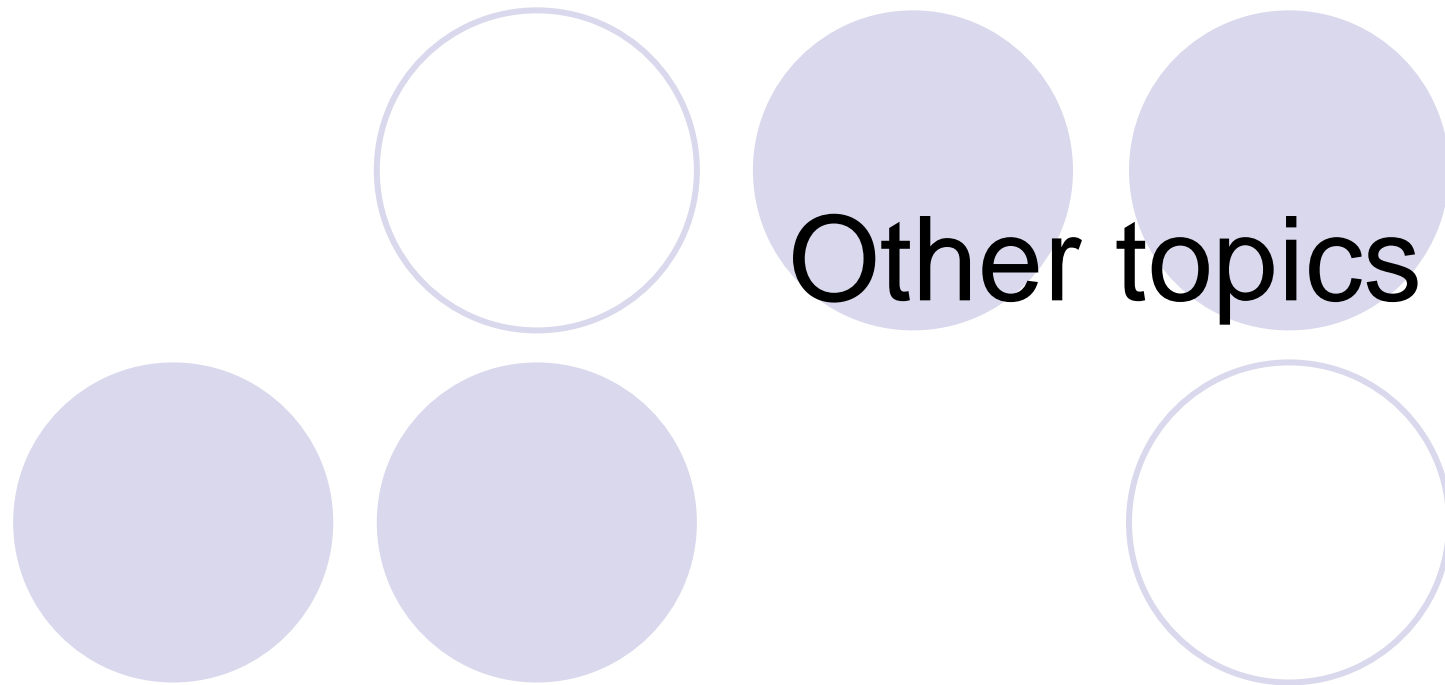
- GM
  - Offer 3 sources for guidance and input
    - SysML and AP233 mapping
    - OMG PLM services
    - OMG PDM enablers
- Siemens
  - Offer 2 scenarios
    - Configuration/Change\Issue Management
    - Requirement Management
- IBM
  - Offer 1 scenario
    - Assignment of product identity to incoming customer request
  - Identifying other scenarios
    - Product requirements management.

Other topics

Discussion on promotion of the workgroup to other companies

- Propose to produce a "standard communication" to publicise the PLM Workgroup
- Send to
  - Own organisations
  - Other major companies
  - Other ISVs, SIs of interest to PLM Workgroup members
- Propose that the Workgroup commission a communication plan ahead of
  - Innovate 2010
  - INCOSE 2010 ?
- Request for a working group to review the communication
- Nominate ISVs or other Sis
- Any constraint ?

Proposed next meetings

- Next meeting of the PLM Workgroup
- Proposal: April 20th at 11am Eastern Daylight Saving Time
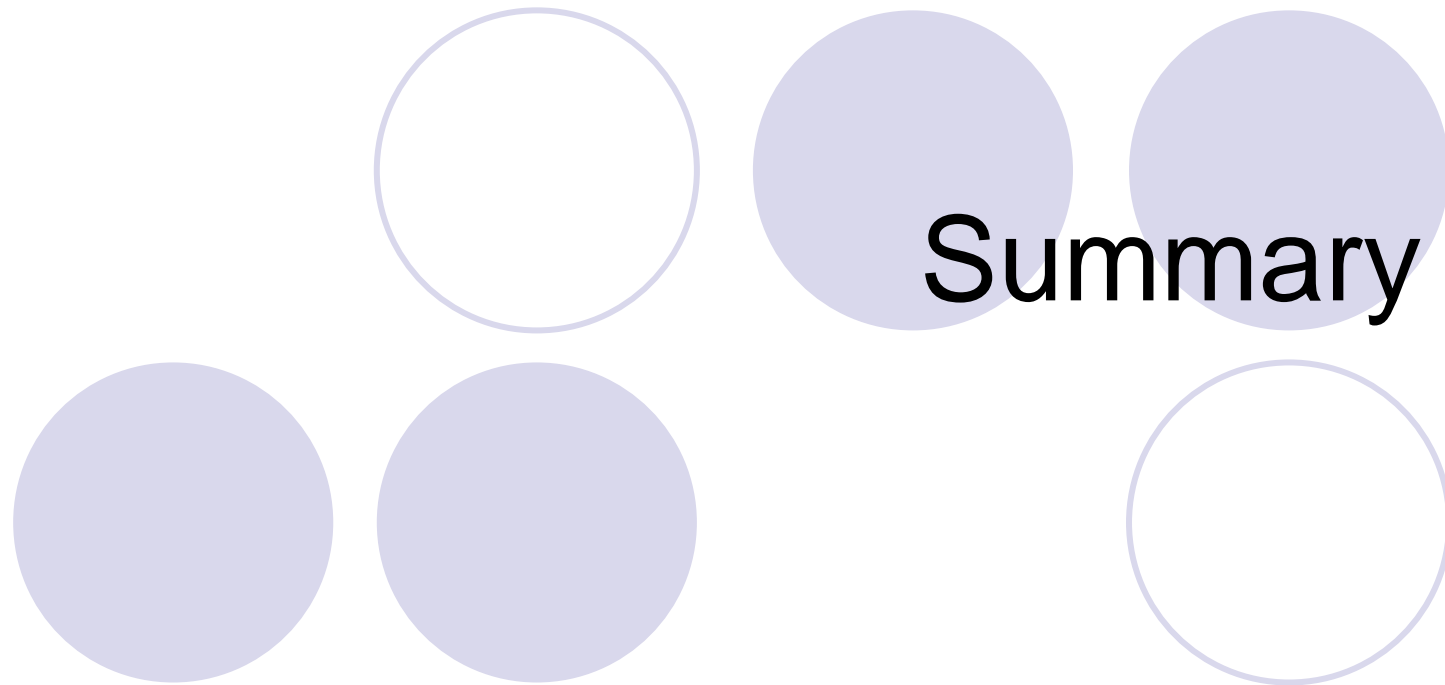 - Scenario working session
  - Criteria
  - Plans for Innovate 2010

Any other business ?

Action plan agreed

#	Description	Source	By whom	By when	Status
1	Access and update scenario pages on wiki	Main 16/2/2010	All Community members	20/4	Underway
7	Build up glossary	Main 16/2/2010	Scott/Gray	Not committed	Underway
11	Arrange next Working session April 20th 11am EDT	Main 16/3/2010	Gray/Rainer	30/3	Planned
11					
12					

Summary

Thank you

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Current community specs

Scenarios	Topics
Collaborative Application Lifecycle Management	Change Management - integrations with software work item and change management repositories. Quality Management - integrations in quality management and testing. Requirements Management and Definition - integrations in requirements management and requirements definition tools. Asset Management - integrations between asset management and ALM tools. Architecture Management - integrations related to models and other artifacts used during analysis, design and construction that help maintain architectural integrity. Software Configuration Management - integrations targeted at version control, change sets, baselines and other resources Automation (Build/Deploy) - integrations involving software automation tools like build, deploy, and analysis tools.
Software Project Management	Estimation and Measurement - integrations with estimation tools and performance, project, and portfolio management
OSLC Common Architecture	Query - a simple query language for filtering lists of resources and selecting which properties to return Reporting - a common set of features that RESTful services should implement to enable reporting. Service Provider Catalog

How to keep in touch

- Open services (OSLC) home
  - http://open-services.net/html/Home.html
- Register on open-services.net
- PlmHome page
  - http://open-services.net/bin/view/Main/PlmHome
- Community mailing list
  - http://open-services.net/html/Community.html
- PLM Workgroup mailing list
  - http://open-services.net/mailman/listinfo/oslc-plm_open-services.net
- Wiki
  - http://open-services.net/bin/view/Main/WebHome
- UserList
  - http://open-services.net/bin/view/Main/UserList

open-services.net terms of use
In a nutshell

- http://open-services.net/html/Terms.html
  - This is a facilitated community
    - Contributing to workgroups, maillists, wiki is covered by the Creative Commons - Attribution License http://creativecommons.org/licenses/by/2.0/
  - Contributors to this Web site may jointly Contribute to a draft or final Specification ("Specification") which will be so marked, with the intent that such Specification may be freely implemented by any party
    - must agree to the non-assertion covenant
    - must have sufficient rights to the Content that you Contribute
  - All information shared is deemed to be non-Confidential
    - do not share Confidential information