

2003-10-30 WSDM UArch Conference Call Minutes

Agenda

- 1. Review of action items
 - Zulah. Soon. Put the agreed upon outline into Word and start inserting sections as they are written.
 - Igor. Soon. Provide words for Conceptual Model as per action item last week.
 - Heather. Soon. Provide draft of Introduction/Context section or hand off to Zulah.
 - John. Soon. Provide more details for Scope and draft the Roles and Responsibilities.
- 2. Review document -
 - <http://www.oasis-open.org/archives/wsdm/200310/msg00141.html>
- 3. Concepts section - words
 - <http://www.oasis-open.org/archives/wsdm/200310/msg00134.html>
- 4. Review scope statement - words
 - <http://www.oasis-open.org/archives/wsdm/200310/msg00142.html>
- 5. Discuss contextual diagram possibilities

Action Items

- Igor. Soon. Update MUWS Concept Diagram. And add some words to the accompanying text to capture the many-to-one relationship between manageability interfaces and a manageability capability.
- John. Soon. Add text to accompany the MUWS Concept Diagram to capture the fact that an entity that provides manageability to many manageable resources is itself a manageable resource.
- John. Soon. Rewrite Scope section.
- John. Soon. Rewrite Roles section.
- Zulah and John. Soon. Capture input so far into OASIS document template for MUWS Architecture.
- Zulah. Provide input on Context section.
- All. Submit candidate Context diagrams.

Motions

- None

Summary

- Zulah put the document outline into the OASIS format and emailed it to the list. The group decided to add back in the Processing Model and Interaction Patterns sub section of the Logical Architecture. Zulah and John will be the editors of the document. Will capture the submissions.
- Discussed the MUWS Conceptual Diagram.
 - Decided that the relationship between the manageable resource and the manageability capability is OK, because an entity that provides manageability to

many resources is itself a manageable resource. John will add some words to the description to capture this notion.

- Decided that there may be more than one manageability interface per manageability capability. Perhaps two monitoring interfaces, one read-only. Igor will update the diagram and add some words to the description.
- Noted that we have to capture the fact that we are looking at aggregating manageability capabilities. In fact, we want to define base manageability capabilities and some aggregated ones.
- Discussed the Scope. Decided to make it at a higher level, namely describing consumers and producers of manageability services. And to keep the manageability capabilities discussion at the Web Services Architecture level. John will update and resubmit.
- Didn't have time to discuss Roles too much, but much of the Scope discussion applies. John will reword and resubmit.

Meeting Notes

- Roll – John, Karl, Rajiv M-Oracle, Paul Lipton, Guru Bhat, Zulah, Richard Nikula, William V., Komal Mangtani, Kevin Minder – Oracle, Andrea W., Heather, Andreas M., Igor S., Jim Willits. Jeff Bohren. Alexandro Triglia.
- 1. Review of action items
 - Zulah. Soon. Put the agreed upon outline into Word and start inserting sections as they are written.
 - Zulah sent out the outline shell today to the list. Got an approved name.
 - Igor. Soon. Provide words for Conceptual Model as per action item last week.
 - Sent them to the list.
 - Heather. Soon. Provide draft of Introduction/Context section or hand off to Zulah.
 - Been pretty busy.
 - John. Soon. Provide more details for Scope and draft the Roles and Responsibilities.
 - Sent out drafts.
- 2. Review document -
 - <http://www.oasis-open.org/archives/wsdm/200310/msg00143.html>
 - Agreed with Heather to keep this a separate document for now, to merge into the MUWS specification later.
 - Same sections we discussed before, some rewording.
 - Add back in – processing model and interaction patterns. To Logical Model.
 - Editors – Zulah and John.
 - Contributors. Will capture that as we go along.
 - Will add in the submissions as we come to agreement.
 - Wrong copyright date – to fix.
- 3. Concepts section - words
 - <http://www.oasis-open.org/archives/wsdm/200310/msg00134.html>
 - Igor went through the words he submitted. Tried to get in the WSDL definitions as well.
 - One to one, manageability capability to interface.
 - John asked if we require exactly one manageability capability for each

manageability interface and vice versa. Heather said you might not need to do so. Igor said it works better in the WSDL to do this. Do we need to be careful about the capability? Jeff – just a set of WSDL. Igor – need distinct semantics, with a distinct identifier. Zulah mentioned she will send out the terminology document. Igor – it is better to have exactly one interface to a capability, for name space reasons. Zulah and Heather thought you could have multiple interfaces for one capability and still keep the name space issues within control. Heather said we talked about cases where a capability is decomposed into multiple interfaces, such as a metrics view-only interface and a metrics control interface. Igor said he would adjust the diagram and text if we want it.

- Heather then asked if we need an interface that would span manageability capabilities. Various cases – disjoint parts of capability, so entire capability represented by disjoint set of interfaces. Thornier issue is whether we need multiple interfaces that each span capabilities.
- Zulah said we can have capabilities and sub-capabilities. That could capture many-to-one that are all related.
- Heather – do we want to define base capabilities and talk about being able to aggregate them. Do we need to be able to decompose the base capabilities? No, they would be the lowest. All agreed that it is important to define the lowest levels.
- **We should note that we are thinking about aggregating capabilities.**
- Zulah asked about the 1 to 1 relationship of manageable resource to manageability capability.
 - For example, what about a proxy that provides manageability interface for multiple resources.
 - Do we say there is one instance of the capability, and it applies to three resources? Or do we have to say they are three instances of the same capability?
 - Instances of capabilities could apply to a collection or a single resource.
 - What if there are two manageability capabilities for the same resource? Is the name attached to the resource or the interface?
 - If a collection is also a manageable resource, then the diagram applies.
 - Instances of a capability would belong to endpoints.
 - Each endpoint implements an interface for a capability.
 - What about a connection pool, where each connection is manageable, and pool itself also is manageable. And the pool may provide the endpoint and interfaces. Thus, the collection should represent the spanning capability.
 - John volunteered to draft this and get it corrected by the group.
- Conclusion. 1 to many from resource to capability is acceptable.
- Add to text that collections are manageable resources.
- Add text about aggregation of capabilities. Igor will update the diagram and the text for this one to many relationship.
- 4. Review scope statement - words
 - <http://www.oasis-open.org/archives/wsdm/200310/msg00144.html>
 - John quickly went over the scope issues.
 - Igor noted that we don't need definitions in here, can keep it at higher levels, like provider of manageability and consumer of manageability. Also that can apply to the Roles.

- Zulah also said we can keep the manageability capabilities at the WSA level as well.
- John will update the text.
- Igor – we don't dictate how the managers are implemented or how they use the information, but we prescribe what they do with respect to the provider of manageability. It needs to be a consumer of the manageability service. (Don't say interface here.) Manageability service provides access to manageability capabilities. Manager needs to be a consumer of this service and abide by all the Web Services constraints.
- Igor – do the Manageable resource in the same way.
- Action Items.
 - Zulah – Context section words.
 - John and Igor – context diagram and words on interface and collections.
 - Zulah – include inputs into the document.
 - Need a triangle diagram for the Context section – producer, consumer, discovery agency, etc. Please send one to the group.
 - John will update Roles based on today's discussion.

END OF MEETING.