OpenMI Association Technical Committee meeting no 35

See also: OATC Wiki Home

Date: 21. October 2010
Time: 14:00 - 15:30 CEST
Venue: Skype Conference Call
Topic: From OpenMI 2.0 Beta to OpenMI 2.0

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Participants

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Apologies:
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1. Roadmap to OpenMI 2.0 as suggested by Standa

1.3. Documentation

Updating of the Documentation

<table>
<thead>
<tr>
<th>document</th>
<th>comment</th>
<th>task for</th>
<th>status</th>
</tr>
</thead>
<tbody>
<tr>
<td>What's new in OpenMI 2.0</td>
<td>SH</td>
<td>Todo: remove loop-approach text</td>
<td></td>
</tr>
<tr>
<td>OpenMI 'in a nutshell</td>
<td>ADH</td>
<td>Still Valid</td>
<td></td>
</tr>
<tr>
<td>Scope document</td>
<td>all</td>
<td>Still Valid</td>
<td></td>
</tr>
<tr>
<td>OpenMI Standard2 interface specification</td>
<td>SH</td>
<td>todo: Incorporate text on Standard Extensions</td>
<td></td>
</tr>
<tr>
<td>OpenMI Standard2 Reference manual</td>
<td>when source code will be stabilized</td>
<td>SV</td>
<td>-</td>
</tr>
<tr>
<td>Migrating models</td>
<td>JGr</td>
<td>will check if still valid</td>
<td></td>
</tr>
</tbody>
</table>

* maybe change the names for OpenMI Standard2 interface specification and OpenMI Standard2 Reference manual

1.2. How to

<table>
<thead>
<tr>
<th>page</th>
<th>comment</th>
<th>task for</th>
<th>status</th>
</tr>
</thead>
<tbody>
<tr>
<td>How to download the most recent source code</td>
<td>no changes???</td>
<td>JG</td>
<td></td>
</tr>
<tr>
<td>How to get started with OpenMI 2.x and Java</td>
<td>no changes???</td>
<td>no changes, Peter</td>
<td>-</td>
</tr>
<tr>
<td>How to link models with different grids (spatial mapping)</td>
<td>small changes</td>
<td>Peter (starting nov. 12th)</td>
<td>-</td>
</tr>
</tbody>
</table>
How to turn an ASCII file reader into a Linkable Component 2.0

source code for latest version exist. Changes reflecting Time extensions need to be done in Howto page

JG

How to upgrade from version 1.4 IEngine

Did it work now? Will be included to the official release?
– or put it to the pages later?

(JG)/SH

OK, will just to be sure when migrating Sobek

Upgrading from 1.4 using the upwards compatible wrapper

Did it work now? Will be included to the official release?
– or put it to the pages later?

- To be released after more experience

(time-dependent / time-independent mixing)

how to mix time-dependent and time-ignorant model components

- -

(Jesper): Assuming the most recent HowTo pages are those on http://public.deltares.nl/display/OMI2DOC/Home - correct?

(Peter): The official review pages http://public.deltares.nl/display/OPENMI/OpenMI+Association+Technical+Committee -> OpenMI 2.0 Review -> ”Content of the review” are more up to date, at least the spatial mapping page.

1.3. SDK

We will leave SDK like it is just now. New documentation will not be created.

There are memory problems with large element sets.

Not to long from Jesper will copy the 1.4. fix for this into the 2.0 SDK.

2. Various issues

2.1. Final agreement on the extensions

No feedback from OAEC and OADC. The Standard just has be released as soon as possible.
Proper definition of how to use them and what it means for OpenMI-compliancy has been written (see action above).

2.3. Mixing time-dependent and time-independent components

- Clarify what should happen when time-dependent and time-independent model components are mixed in a model chain. Is there enough ”contextual” information available for processing?
This was discussed at the previous meeting, and was solved by wrapping the ”ignorant” component in a component that knows about time / space.
To illustrate it, someone will create a how to, with a statistical component (min/max/avg etc.) as example. See status of the How To pages.

3. Remaining issues from meeting no 33/34

<table>
<thead>
<tr>
<th>Issue</th>
<th>Description</th>
<th>status</th>
<th>decision</th>
</tr>
</thead>
<tbody>
<tr>
<td>OpenMI XSD files</td>
<td>The component and compliancy XSD files still are based on 1.4. Must be extended.</td>
<td>Done by: Rob/Stef</td>
<td>to be approved by Team</td>
</tr>
<tr>
<td>Move interfaces to TimeSpace extension</td>
<td>ISpatialDefinition, IEElementSet, ITime, ITimeset could be moved from the base to the TimeSpace extension</td>
<td>Done by: Jesper(C#)/Rob (Java)</td>
<td>Ok</td>
</tr>
<tr>
<td>Update copyright notice</td>
<td>Add year 2010 to the OpenMI copyright header in all source files</td>
<td>Java updates done: Rob. C# updates done: Stef (Standard2 only, SDK to be done)</td>
<td>Update SDK headers</td>
</tr>
<tr>
<td>Distribution package</td>
<td>Distribute base and timespace extension in a single package or as two?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Merge IValueDefinition and IDictionaryItem</td>
<td>IValueDefinition is an abstract entity, IDictionaryItem is just one of the available specializations, next to the quantity and the quality. Of course the IDictionary item incorporates part of the element set and time set definition, but this overlap is acceptable</td>
<td>Closed</td>
<td>keep IDictionaryItem as extension of IValueDefinition</td>
</tr>
<tr>
<td>Rename IManageStateExtension</td>
<td>IManageStateExtension should be renamed back to IManageState, to emphasize that it is an optional interface to the base standard</td>
<td>SH(C#)/RK (Java: Done)</td>
<td>-</td>
</tr>
<tr>
<td>Adapted output factory providers</td>
<td>Check Specification document and code comments on the limitation of only asking the adaptee’s component for adapted output factories</td>
<td>action: SH</td>
<td>-</td>
</tr>
</tbody>
</table>

• Release of the 2.0 Beta: Also notify people who participate in the review process about the new version and changes made according to their input.

4. Actual release

• Finish actions mentioned above before next meeting (nov. 5th)
• Perform steps to really release (will be described by SV).

5. Next Meeting

Nov. 5th, 14:00 hrs CET (13:00 hrs GMT).