

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

[Adrian Harper](#), Wallingford Software (adrian.harper@wallingfordsoftware.com)
[Stef Hummel](#), Deltares (stef.hummel@deltares.nl)
[Jesper Grooss](#), DHI (jgr@dhigroup.com)
[Rob Knapen](#), Alterra, Wageningen UR (Rob.Knapen@wur.nl)
[Standa Vanecek](#), DHI (s.vanecek@dhi.cz)
[Unknown User \(don\)](#), Deltares (gennadii.donchyts@deltares.nl)

Apologies:
[Peter Schade](#), Bundesanstalt fuer Wasserbau ([peter.schade\(at\)baw.de](mailto:peter.schade(at)baw.de))

1. Roadmap to OpenMI 2.0 as suggested by Standa

1.3. Documentation

Updating of the Documentation

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

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

1.2. How to

page	comment	task for	status
How to download the most recent source code	no changes???	JG	
How to get started with OpenMI 2.x and Java	no changes???	no changes, Peter	-
How to link models with different grids (spatial mapping)	small changes	Peter (starting nov. 12th)	-

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/OMI20DOC/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 uptodate, 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-compliance 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

Issue	Description	status	decision
OpenMI XSD files	The component and compliancy XSD files still are based on 1.4. Must be extended.	Done by: Rob /Stef	to be approved by Team
Move interfaces to TimeSpace extension	ISpatialDefinition, IElementSet, ITime, ITimeSet could be moved from the base to the TimeSpace extension	Done by: Jesper(C#)/Rob (Java)	Ok
Update copyright notice	Add year 2010 to the OpenMI copyright header in all source files	Java updates done: Rob. C# updates done: Stef (Standard2 only, SDK to be done)	Update SDK headers
Distribution package	Distribute base and timespace extension in a single package or as two?	👍 Decided:	Keep as 1 package
Merge IValueDefinition and IDictionaryItem	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	Closed	keep IDictionaryItem as extension of IValueDefinition
Rename IManageStateExtension	IManageStateExtension should be renamed back to IManageState, to emphasize that it is an optional interface to the base standard	SH(C#)/RK (Java: Done)	-
Adapted output factory providers	Check Specification document and code comments on the limitation of only asking the adaptee's component for adapted output factories	action: SH	-
<new issue>	<description>	<status: open>	?

- 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. 5h., 14:00 hrs CET (13:00 hrs GMT).