

OpenMI Association Technical Committee meeting no 36

See also: [OATC Wiki Home](#)

Date: 5. November 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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1 Informations from the OAEC meeting (Standa)

1.1 Official paper

Some document, describing steps we did for the version a statement, than OATC is happy with the status of Version 2 is required. Content we will be obtained soon.

Up to this moment version is temporaly accepted.

1.2 Release

Not fully clear yet when the formal release for public is planned. At least during the Washington meeting (7-9.12 2010).


We will obtain info how the release process will be done

Proper decimation + publicity will be handled by OAEC and OADC.

1.3 Actions to SVN Repository and web sites before release

SVN Repository

The following actions have to be taken:

-  Everone: remove depricated branches
- Stef/Jesper: check SDK (See ch. 5)
- Stef: Create tags fixing C# and java release version of the Standard

Web sites

 Standa: arrange wiki, i.e.:

- remove Dashboard > OpenMI 2.0 doc
- rename Review page to OpenMI 2.0 page

- etc. (adjust related texts)

⚠ Peter: make proposal for openmi.org site (news, button, etc., referring to the wiki).

2. Roadmap to OpenMI 2.0 as suggested by Standa

2.1. Documentation

Updating of the Documentation

| document | comment | task for | status |
|---|-------------------------------------|----------|--|
| What's new in OpenMI 2.0 | | SH | Done: remove loop-approach text 👍 |
| OpenMI 'in a nutshell | | ADH | Still Valid 👍 |
| Scope document | | all | Still Valid 👍 |
| Incorporate text on Standard Extensions in OpenMI Standard2 interface specification | | PS | Done (SH): Peter will review it |
| OpenMI Standard2 Reference manual | when source code will be stabilized | SV | - |
| Migrating models | | SV/JGr | Will clean up the document and check it (JGr>SV>JGr>Steve) |

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

2.2. 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, SH will just to be sure check when migrating Sobek |

– 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 | - | Will be done later (not needed before releasing 2.0) |
|--|--|---|--|

3. Remaining issues from previous meetings

| Issue | Description | status | decision |
|----------------------------------|--|--|--------------------|
| 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 will be done by JGr /SH next to weeks *) | Update SDK headers |
| 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.*

5. SDK

Work is being done on the SDK, following the work of migrating existing engines.

Status:

- Issue with ElementMapper and memory has been fixed (transferring 1.4 solution to 2.0)

- A number of bugs has been fixed (time buffer, some adaptors)
- The groundwater model and simple river model has been updated for more advanced (bidirectional) coupling
- Example and test of coupling the groundwater model and the simple river model, in as well a uni- as a bi-directional setup (ground water level -> river, and river leakage -> ground water model).
- Example of how one input can handle multiple outputs are implemented/tested. Check out: <https://sourceforge.net/apps/trac/openmi/wiki/MultiInputSupport>

⚠ Everyone: have a look at the MultiInputSupport in the next two weeks.

A project plan is probably required in the near future (when the standard is released), in order to have the SDK move in a proper direction.

⚠ Jesper and Stef will look at the SDK, clarify things were possible, and report what in their opinion still has to be done (next two weeks)

6. Project management tool

Suggestion: Use the Trac wiki at sourceforge to keep track of tasks, feature requests, bugs, enhancements etc. and also discussions that covers many meetings.

Check out:

<https://sourceforge.net/apps/trac/openmi/>

You need to log in (using your source-forge username/password) in order to get full access (to edit wiki/create tickets)

7. Next Meeting

Skype session: 18th, most probably 9am