The importance of standards in the EdTech ecosystem

Géant Education Task Force January 7, 2021

Wietze de Vries - Sunet
Michael Webb - Jisc
Jasmijn Wijn - SURF
Nynke de Boer - IMS Global
Markus Gylling - IMS Global
We’ll always have Budapest

November 2019
Agenda

14:05 - Presentation

14:20 - Reflection in breakout groups

14:35 - Central discussion

14:45 - Interviews with Sunet, SURF and JISC

15:00 - Reflection in breakout groups

15:15 - Central discussion
Let’s..

- Agree
- Specify
- Standardize
- Regulate?
- ...

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Stakeholders

- Vendors
- Schools and Universities
- Governments
- Publishers
- Students
- ...
Bringing it all together
IMS Europe community

University of Southampton

University of Glasgow

University of St. Andrews

Erasmus Universiteit Rotterdam

Universiteit van Amsterdam
The IMS edtech standards

- LTI - integrates remote tools and content into your edtech ecosystem
- Open Badges - describes a method for packaging information about accomplishments
- Caliper Analytics - enables to collect learning data from digital resources
- Edu-API - combines data from the Student Information System (SIS) together with data from learning platforms
- QTI - enables high quality interoperable digital assessment, both summative and formative.
- many more...

Other initiative:
- App Vetting - helps to select digital resources that have been vetted for privacy and security.
IMS Global - IMS Europe

The supporting organization

- 20+ years
- 30 people, of which 4 in Europe
- Supports the IMS community
  - Technical support
  - Documenting
  - Certification
  - Support technical meetings
  - Summits
  - Trend watchers
  - Connectors
  - ..
NAP
High water Rhine at Lobith: 14,65 over NAP on January 7, 2018

Low water Rhine at Lobith: 6,73 over NAP on October 18, 2018
NAP = Normaal Amsterdams Peil
Average high water mark of the North Sea, measured in Amsterdam

<table>
<thead>
<tr>
<th>Year</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1683</td>
<td>Finalized for the region of Amsterdam</td>
</tr>
<tr>
<td>1860</td>
<td>In use for the whole country</td>
</tr>
<tr>
<td>1879</td>
<td>in use by Germany and Luxembourg</td>
</tr>
<tr>
<td>1973</td>
<td>In use by Sweden, Norway and Finland</td>
</tr>
<tr>
<td>2007</td>
<td>NAP is basis for EVRS (European Vertical Reference System)</td>
</tr>
</tbody>
</table>

Assist other countries (Japan) with setting up a water level system
Hochrheinbrücke Laufenburg 2004
IEC 60086
Handy woman Ecosystem
Machinery
Standard....
IMS EDTECH ECOSYSTEM

Standards and more

- Flexibility
- Exchangeability
- Interoperability
- Open
- Data Governance
- Accessibility
- Open
- Stakeholders
- Collaboration
Collaboration - IMS Europe community

IMS Europe Technical Task Force
- GDPR extension LTI
- European profile
- OneRoster
- ...

IMS Europe Leadership Board
- Vision and priorities
- Raise awareness
- Summit and other meetings

European Edu-API Task Force
- Add European perspective to Global Edu-API working group
Sources of Information

● The IMS website: https://www.imsglobal.org

● New series of 5-minute duration videos on IMS specifications: https://www.youtube.com/playlist?list=PLysC4Zd9-FmD773cUYratfqiwBtLGr7Jb

● Answers to questions raised in Géant meeting in Budapest in November 2019: https://docs.google.com/document/d/1arwJirmVEhp-dGs8Ev1MTn_QU1lO1FAYlrtv0_4zTxs/edit

Sources of Information (2)

- Markus Gylling - mgylling@imsglobal.org
- Nynke de Boer - ndeboer@imsglobal.org
Get Involved!

Help Build the IMS Ecosystems