Notes 15-16//01/2007. Workshop XML global coordination
Place: EMSC, Bruyères-le-Châtel, France.

Participants: see attached list

Presentations:
Remy Bossu: EMSC (Introduction)
Torild van Eck: NERIES (Introduction)
Paul Friberg: EIDS (Technical)
Ray Buland, USGS (Conceptual)
Fabian Euchner, QuakML definitions + resource identifiers. ETHZ (Technical)
        Phillipe Kästli, ETHZ (Technical)
        Jochen Wössner, ETHZ (Technical)
Andres Heinlo, GFZ (Technical/ Conceptual)
Linus Kamb, IRIS-DMC (Applications/Conceptual)
Seiji Tsuboi, IFREE/JAMSTEC.(Technical/Conceptual)
Ray Bulland, EQXML versus QuakeML (Technical)
Linus Lamb, IRIS-DMC, SOA and GIS implementations (reduced audience)

Discussions:
Discussion EQXML – QuakeML → decision: EQXML and QuakeML will
essentially merge, the core group will work out the details in RFC part 1
(version 0.52) and its follow up, RFC part 2.
Discussion general QuakeML RFC → some small changes will be included in
RFC part 1 (version 0.52)
Discussion on Resource Identifiers and Uniform Resource Name → decision

Defined basic elements to clarify the discussion (Andres Heinlo):
- Data formats: (mini)SEED, QuakeML, ANSS-XML
- Messaging system: SPREAD, EIDS or combination
- Data processing: SeisComP, EarthWorm, Antelope, QDM

Decisions:
QuakeML will be presented as a proposal for Basic Event Description.
Practicalities and planning schedule are adopted (see below)
EMSC is testing EIDS with NEIC/USGS and GFZ will test it too. The findings
will be reported to the workshop participants.
Decision on the Resource Identifiers and the Uniform Resource Name
Rule set of how to apply Resource Identifiers to be included in RFC part 2
(ETHZ coordinating). Circulate the RFC draft to the core group. Changes will
be included in the version 0.52 RFC part 1

Agreed QuakeML planning schedule and practialities

1. Basically the definition for event data can be accepted within the current group (Paris 15/1/2007).
2. Discussion on how to proceed with QuakeML Part 1: Basic event description (working draft, version 0.51, 9/1/2007)
3. Discussion coregroup. Result version RFC 0.52 finished by the end February
4. Mail info about the RFC (version 0.52) on event data (RFC part 1) to a list of emails (a. keypersons, b. wider distribution). End of February 2007.
5. Public web site with QuakeML information. All discussions will be made available also. Web pages by the ETHZ.
6. Initiate discussions for part 2 (ETHZ), part 3 (GFZ*) within a dedicated group (emails requested)
7. Response time: Deadline: April 30, 2007 [push in Europe through NERIES; EMSC General Assembly Zurich June 13]
8. Part 2. Resource identifiers (ETHZ – draft March 31, 2007). To be discussed May 11. pre-RFC ready to send around to a smaller group (keypersons2).
9. Part 3. Inventory definitions (GFZ*)-ORFEUS-IRIS-IFREE – draft May 11, 2007). Pre-RFC ready to send around to a smaller group (keypersons3).

GFZ* - GFZ will have no time to take a leading role in preparing the pre-RFC part 3 until their SeisComp3 prototype has been delivered. Consequently, it is expected that ETHZ will lead this in cooperation with ORFEUS and IRIS (after meeting correspondence with Winfried Hanka).

Core contact group EQ XML; QuakeML
GFZ, ETHZ, SCEC, USGS, IRIS.

QuakeML key contact persons:
Interested organizations/persons as defined by workshop participants + above contacts. ETHZ will maintain this list.
Keypersons2 (RFC part 2 distribution) and keypersons3 (RFC part 3 distribution) to be defined by workshop participants + above contacts.

Wider distribution.
IRIS bulkmail, NERIES, ORFEUS, EMSC lists + above contacts. ORFEUS and EMSC will maintain these lists.

Glossary.
XML – [www.w3.org/XML/] Extended Markup Language
MDA – Meta Data Aggregator.
URN - Uniform Resource Name.
URI – Uniform Resource Identifier
RFC – Request For Comments
RDF – Resource Description Framework
UML – Unified Modeling Language
XMI – XML Metadata Interchange
GML – [http://www.opengeospatial.org/standards/gml] Geographical markup Language
SPREAD – (www.spread.org) An open source toolkit that provides a high performance messaging service.
ANSS – (http://earthquake.usgs.gov/research/monitoring/anss/) Advanced National Seismic System (US seismic network)
EIDS – [http://www.isti2.com/et/qwids/QWIDS_dist_v1.57] Earthquake Information Distribution System (ISTI/USGS)
ArcLink – TCP based protocol for requesting archived (non-realtime) waveform data and related metadata.
IVAO – (www.ivoa.net) International Virtual Observatory Alliance. [Facilitate utilization of astronomical archives a virtual observatory.]

Torild van Eck,
18/1/2007
  .

Participants list "XML workshop" at the EMSC, 15-16 January 2007

Rémy Bossu	EMSC	bossu@emsc-csem.org
Gilles Mazet Roux	EMSC	mazet@emsc-csem.org
Vincent Douet	EMSC	douet@emsc-csem.org
Sergio Rives	EMSC	rives@emsc-csem.org
Stéphanie Godey	EMSC	godey@emsc-csem.org
Yves Cansi	CEA/LDG	yves.cansi@cea.fr
Jocelyn Guilbert	CEA/LDG	jocelyn.guilbert@cea.fr
Paul Friberg	ISTI	p.friberg@isti.com
Jochen Wössner	ETHZ	jochen.woessner@sed.ethz.ch
Philipp Käestli	ETHZ	kaestli@sed.ethz.ch
Fabian Euchner	ETHZ	fabian@sed.ethz.ch
Andres Heinloo	GFZ	andres@gfz-potsdam.de
Joachim Saul	GFZ	saul@gfz-potsdam.de
Seiji Tsuboi	IFREE/JAMSTEC	tsuboi@jamstec.go.jp
Francesco Mele	INGV Roma	f.mele@ingv.it
Salvatore Mazza	INGV Roma	mazza@ingv.it
Guliana Rubbia Rinaldi	INGV Milano	rubbia@mi.ingv.it
Alessandro Spinuso	ORFEUS	Alessandro.Spinuso@knmi.nl
Peter de Boer	ORFEUS	boerdep@knmi.nl
Torild Van Eck	ORFEUS	Torild.van.Eck@knmi.nl
Linus Kamb	IRIS-DMC	linus@iris.washington.edu
Ray Buland	USGS/NEIC	buland@usgs.gov

NB: The first part of the meeting was also attended by CEA computer engineers in charge of the computer security at EMSC