

UNLOCKING THE POWER OF HEALTH INFORMATION



THE OFFICIAL PUBLICATION
OF HEALTH LEVEL SEVEN®
ARGENTINA

MAY 2017

NEWS

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In this Issue

Advancing CDA R2
as National Standard.

The MAIS project
(CDA R2 for attachments + FHIR for eclaims)

Workshops
- Comodoro Rivadavia, Cordoba

Conferences
- MEDINFO, HIBA, CAIS

More courses
- HL7 Fundamentals, Mirth Connect

**More than 100 students per
FHIR Fundamentals Course edition
Now updated to STU3!**



**We confirmed an
increase of 50% in
membership in 2016**

**Perfect blend
CDA + FHIR
Shared EHR regional level
CDA docs + MHD Profile
using STU3 !!!**

On FHIR!



HL7 Australia 2017 Agenda



- Constitutional Change
- HL7 Australia now chairs a quarterly summit of Australian IT healthcare associations
- Membership drive succeeding

HL7 Canada



- HL7 Memberships 2016 – 2017

- HL7 International Memberships = 58 (67)
 - Corporate Memberships = 34 (39)
 - Individual Memberships = 24 (28)
 - (xx) – previous year membership

- Activities

- FHIR Implementation Working Group
 - 93 members
- ePrescribing – development of FHIR messages and publication of clinical and non-clinical value sets
- Terminology Gateway
 - HL7 vocabulary for Canadian V3 messages
 - FHIR Terminology Services
 - FHIR URI Registry
 - Access to SNOMED CT, pCLOCD, subsets and APIs

- eHealth Events

- e-Health Conference and Tradeshow
 - Toronto, ON – June 4-7, 2017
 - 17th year
 - <http://www.e-healthconference.com>
- Digital health Week
 - November 13-19, 2017
- Infoway Partnership Conference
 - November 14-15, 2017
 - Calgary, Alberta
 - @Infoway
 - #ThinkDigitalHealth



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HL7 – Denmark

Participation:

In HL7-DK we now have 14 members from various Companies, governmental -and educational institutions.

The main focus of the affiliate in 2017 is:

- to strengthen our newly established working group on FHIR
- work with alignment of the use of HL7 standards in Denmark
- Practical implementation on various HL7 standards in Denmark

HL7 FHIR

- During spring there will be held a FHIR event, to enhance focus on the benefits of the FHIR structure and to give practical knowledge to the participants on how to use FHIR.
- In the autumn we are planning at FHIR Hackathon



Update / HL7 Finland

- Major national health services reform continues
 - Move from municipal to regional organization
 - Increased choice
- Renewing legislation for health IT: national services, mandatory requirements for systems, certification, self audits, secondary use
- EHR and national services connectivity 100% in public services, private services picking up speed
- Spring is late



- National projects and initiatives
 - Kanta national services recent focus (CDA R2 implementation guides): medication, national imaging HIE with IHE profiles, emergency services, social services phase 1, dental records, clinical genomics, labs, referral / discharge
 - National PHR platform with FHIR – more details at MHWG Wed Q3
 - Related inter-regional projects: Apotti, UNA, ODA
 - Finland ePrescription participant in CEF / eHDSI phase 1
 - New operational model for the national code service (in use since 2003)
- HL7 Finland groups and membership
 - Technical committee, IHE Finland, Personal Health SIG, Board
 - Membership 72 organizations (up from 53 in 2013)
- Active and recent HL7 Finland projects in addition to groups and national implementation guides
 - Popular FHIR + IHE + CDA trainings
 - Support project for national PHR specifications
 - Electronic services for citizens / consumers project
 - Renewed interface map (specification portfolio and directory), monthly newsletter, etc.

HL7 France

- HL7 Memberships 2016 – 2017

- HL7 France Memberships = 40 (36)
 - Corporate Memberships = 34 (39)
 - Individual Memberships = 24 (28)
 - (xx) – previous year membership

- Activities

- FHIR national profiling based on STU3
 - 30 members
- SNOMED CT development license
- Training sessions: HL7 V2.5, FHIR, CDA



- eHealth Events

- Paris Healthcare Week

- Paris, May 16-18, 2017
 - www.parishealthcareweek.com

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HL7 Hellas (Greece)



INTERNATIONAL HL7
INTEROPERABILITY
CONFERENCE **IHIC 2017**

Technopolis
City of Athens
22-24 October 2017



- HL7 Memberships 2016 – 2017, www.hl7.org.gr

- Corporate Members 29
- Individual Members 3

- Activities

- Active in the **eStandards** project (WP4)
- HL7 Hellas organised for the second time the ehealthforum conference jointly with 14 other national and international organization, creating a new regional ehealth conference in Southeastern Europe on Oct 25-26, 2016 with 550 delegates
- **CDA Tutorial** with 50 Participants
- Support of IDIKA, the operator of the **Greek eP system (uses HL7 CDA)**
- HL7-Hellas is a stakeholder in the eHealth **permanent committee** of the Greek Standardization Body (ELOT) which represents ISO in Greece
- HL7 Hellas is officially a member of the ESDHY (**National Governance Board for Electronic Healthcare since 6.11.2015**). HL7 Hellas participated in all ESDHY meetings
- **HL7 Hellas is responsible for the working group on the National Interoperability Framework.**

- eHealth Events

- 11-15/5/2016 **42nd Panhellenic Medical Congress** with ~3000 participants. HL7 organized together with EEMEPY a roundtable on **cloud applications** in the healthcare sector on May the 12, 2016
- 29-31 May 2016, HL7 Hellas supported the **pHealth 2016** conference held in Heraklion Crete..
- 1-3 July 2016 HL7 Hellas supported **ICIMTH 2016** conference and organised one HL7 Workshop on July the 1st, 2016.
- 25-26/10/2015 HL7 Hellas organized together with other national and international organisations, the eHealthForum 2016 More information can be found at <http://www.ehealthforum.org/english/>.
- During the ehealthforum event HL7 Hellas organised on 25/10/2015 a CDA tutorial workshop with more than 50 participants.
- HL7 Hellas will organize **IHIC 2017** 22-24 October 2017. see www.ihic2017.eu
- HL7 Hellas will support **eHealthForum 2017** 19-21 Oct 2017



Αθήνα, 6 -11-2015
Αρ. πρωτ.: οικ 85400

ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΥΠΟΥΡΓΕΙΟ ΥΓΕΙΑΣ
ΓΕΝΙΚΗ Δ/ΝΣΗ ΑΝΘΡΩΠΙΝΩΝ ΠΟΡΩΝ ΚΑΙ
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Δ/ΝΣΗ ΗΛΕΚΤΡΟΝΙΚΗΣ ΔΙΑΚΥΒΕΡΝΗΣΗΣ
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Θέμα: «Σύνθεση, ορισμός, συγκρότηση, κανονισμός λειτουργίας και αρμοδιότητες του Εθνικού Συμβουλίου Διακυβέρνησης της Ηλεκτρονικής Υγείας (Ε.Σ.Δ.Η.Υ.)».

10. Ένας εκπρόσωπος του Health Level 7 (HL7) Hellas

eHealth
FORUM™

HL7 Korea



- HL7 Memberships 2016 – 2017

- HL7 Korea Affiliate Memberships = 25 (10)
 - Organizational Memberships = 10 (6)
 - Individual Memberships = 15 (4)
 - (xx) – previous year membership

- Activities

- Created two new WGs – CDA & FHIR (surprise!)
 - Haven't had WGs so far
 - Will focus on local profiles initially
- 2 bi-annual educational events
 - V2.X, CDA, and FHIR
- Co-sponsoring Korea National HIE pilot project
- Close collaborations with “Korea Smart Health Standards Forum”
- Will co-sponsor a “Device-on-FHIR” event in coming August

- Korea Smart Health Standards Forum (KSHSF)

- Not-for-profit entity
- Oversighted by KATS (Korean Agency for Technology & Standards)
- Strong partnership with HL7 Korea

The forum to provide HL7 Korea with use cases and requirements of stakeholders
→ HL7 Korea as SDO to provide local profiles
→ The forum then to offer testing (and hopefully certification) services

Byoung-Kee Yi, PhD - HL7 Korea Chair

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HL7 The Netherlands



National FHIR-NL Validation & Governance

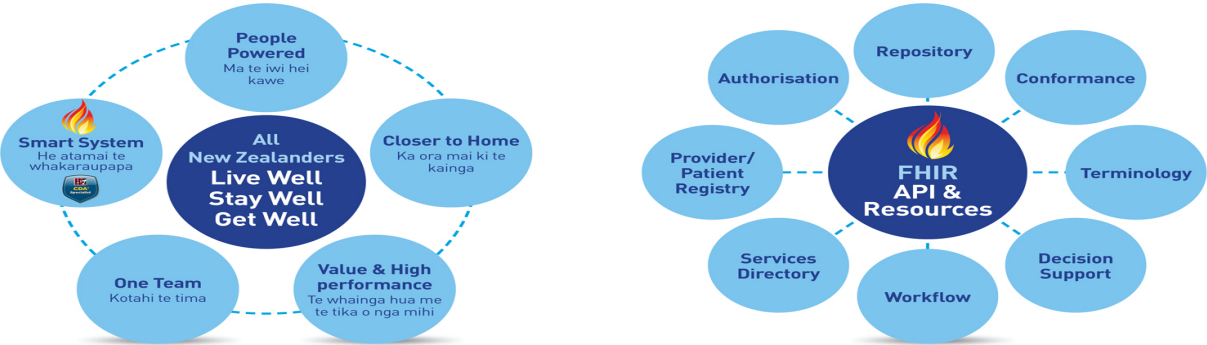
- Organization – procedures – criteria : in place
- Governance Board (5) and Validation Team (12) - current
- See Poster presentation for details
- First set NL-profiles validated & published by June 1st

November : 25th Anniversary of HL7 The Netherlands !

- Grand Jubilee WGM on November 9 -10

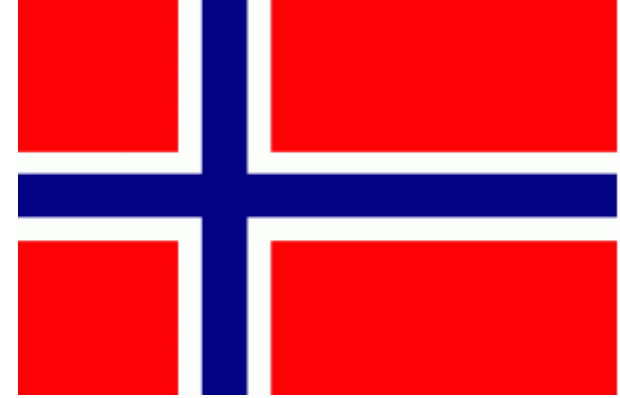
Terminology Mapping Tool in Beta testing phase

- Snomed-CT, ICD-10, LOINC, ICPC, Omaha, Radlex, ATC, ICF
- 3 step mapping/translation of any terminology to any terminology : import doc – select terms & choose terminology to map to – select mapped terms & export doc
- See Bert Kabbes for demo and details





HL7 NORWAY



The Affiliate: 3 sponsors, 33 organizations (vendors, consultancy agency, Health Trusts)

Focus:

- * FHIR
- * Profiling of FHIR – national process on profiles
- * Tutorials on FHIR

Using SIMPLIFIER to share ongoing work as well as profiles.

Seminars/Tutorials:

15. May – HL7 FHIR from Grahame Grieve (2 hours seminar)

Fall 2017 – FHIR for project managers and architects – Rene Spronk

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HL7 Poland

HL7 affiliate agreement signed January 2017



Organization

Membership

- 11 organizations (22 representatives)
- 18 individual members

Activities

- Development of Polish National Implementation Guide for HL7 CDA
- HL7 CDA training program
- HL7 representation in the national eHealth Interoperability Council
- Adoption of IHE Pharmacy profiles in nationwide ePrescription project

Events


HL7 Day

*eHealth Interoperability Conference,
Warsaw, June 8-9, 2017*

More info

HL7 News, May 2017

The 7th HL7 Europe Newsletter

 <http://hl7.org.pl>

 @hl7orgpl

Representatives

at HL7 WGM Madrid 2017



Roman
Radomski
Affiliate Chair



Sebastian
Bojanowski
Technical Committee Chair

HL7 Slovenia

- We now cleaned past obligations, are preparing report for last year and actively working on finding suitable national clinical example that is aligned with the national eHealth strategy (or with key stakeholders) and could be efficiently solved using HL7 standards.
- Around that we will organize HL7 training for CIO/IT managers and deepened for SW architects/developers in early Autumn 2017.
- National alignment will allow us to rise enough funds and/or get enough participants to cover all the necessary costs for the event and attract new members.

[Brane Leskosek EE, PhD](#)

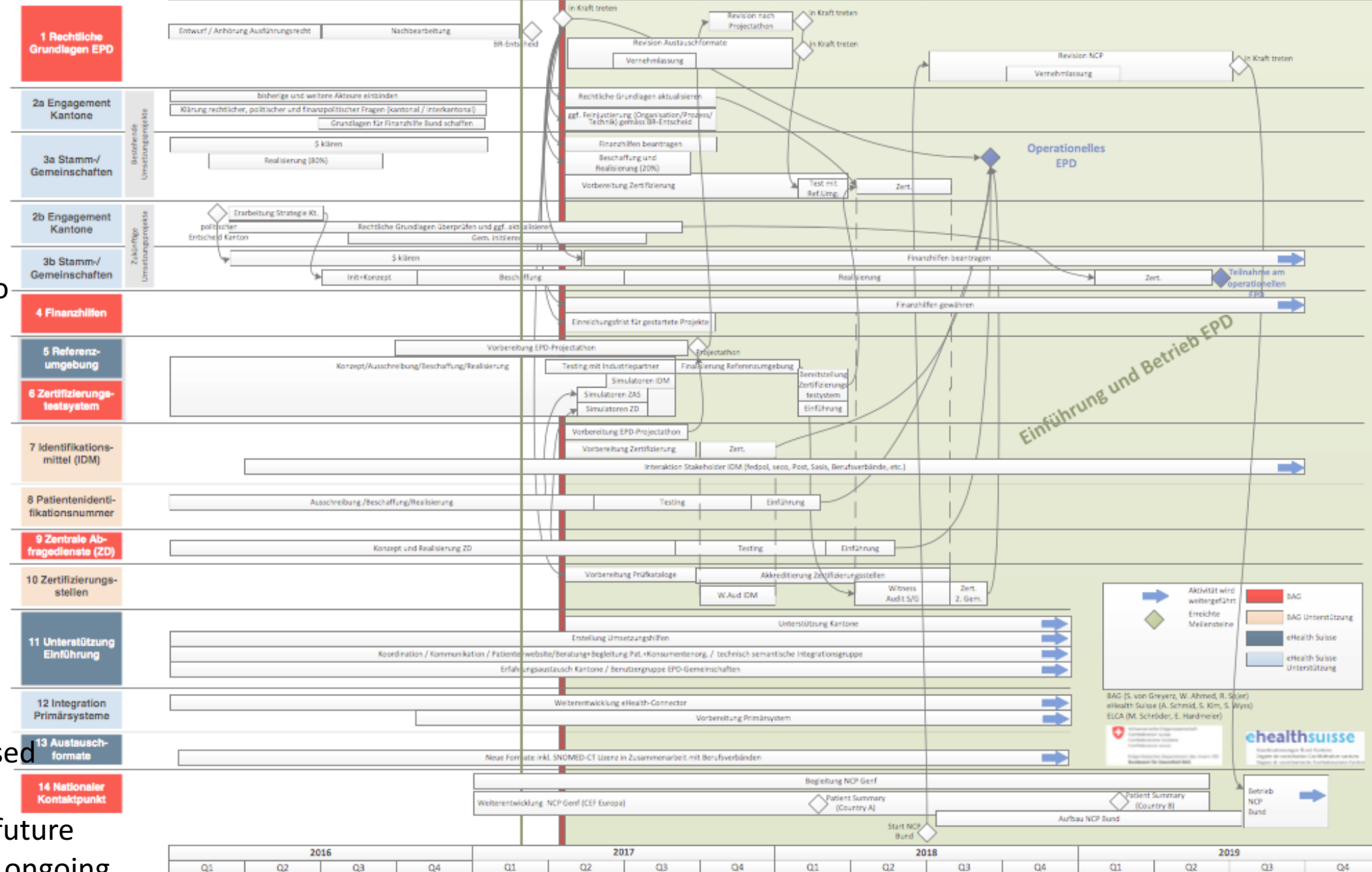
HL7 Slovenia

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Version 0.9
März 2017

FHIR: will be subject to future legislation, experiments ongoing





HL7 United Kingdom

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Background

- HL7 UK was formed in 2000, to help address the growing demand for healthcare interoperability in the United Kingdom.
- Our management board includes members from NHS Digital, NHS Wales, academia, health IT vendors and systems integrators.

Academic contributions

- Regular guest lectures.
- Journal and conference papers [1, 2].
- FHIR tutorial at MIE 2017.

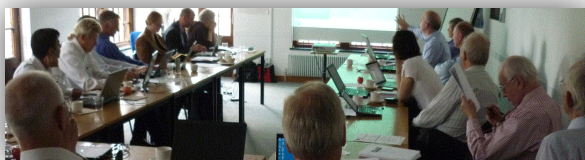


References

- [1] Scott, P., Bentley, S., Carpenter, I., Harvey, D., Hoogewerf, J., Jokhani, M. et al., (2015). Developing a conformance methodology for clinically-defined medical record headings: A preliminary report. *Eur J Biomed Inform*, 11(2), en23-en30.
- [2] Scott, P., Berger, M., Carpenter, I., Foley, L. (2016). A new approach to interoperable information standards for health and social care: normalizing culture, contracts and co-design. *Eur J Biomed Inform*, 12(1), en28-en35.

Interoperability forum meetings

- We hold regular meetings of the interoperability forum to discuss current topics such as:
- NHS Digital interoperability programme
- Use of FHIR and UK profiles
- Case studies of local deployments



Recent activities

- CATonFHIR.
- Brexit ☹️
- Training courses for FHIR and v2.
- Participation in new INTEROPen consortium, including Interop Summit @ DeepMind Health.



Formal liaison arrangements

- IHE-UK
- BSI IST/35
- BCS Health
- PRSB
- RCR Informatics Committee
- INTEROPen



PRSB
PROFESSIONAL RECORD STANDARDS BODY
for health and social care