

HL7 Spain

State of the art of HL7 use

Mission



HL7 SPAIN provides a comprehensive support to:

- **Health Care Professionals**
- **Industry**
- **Administration**
- **University**

Involved in the use of standards for the exchange, integration, sharing, and retrieval of electronic health information that supports clinical practice and the management, delivery and evaluation of Spanish health services.

Membership



Up to date September 22 , 2013

2013 HL7 SPAIN Membership Structure

- 45 Health Care Industry
- 16 Health Administration
- 4 Faculty

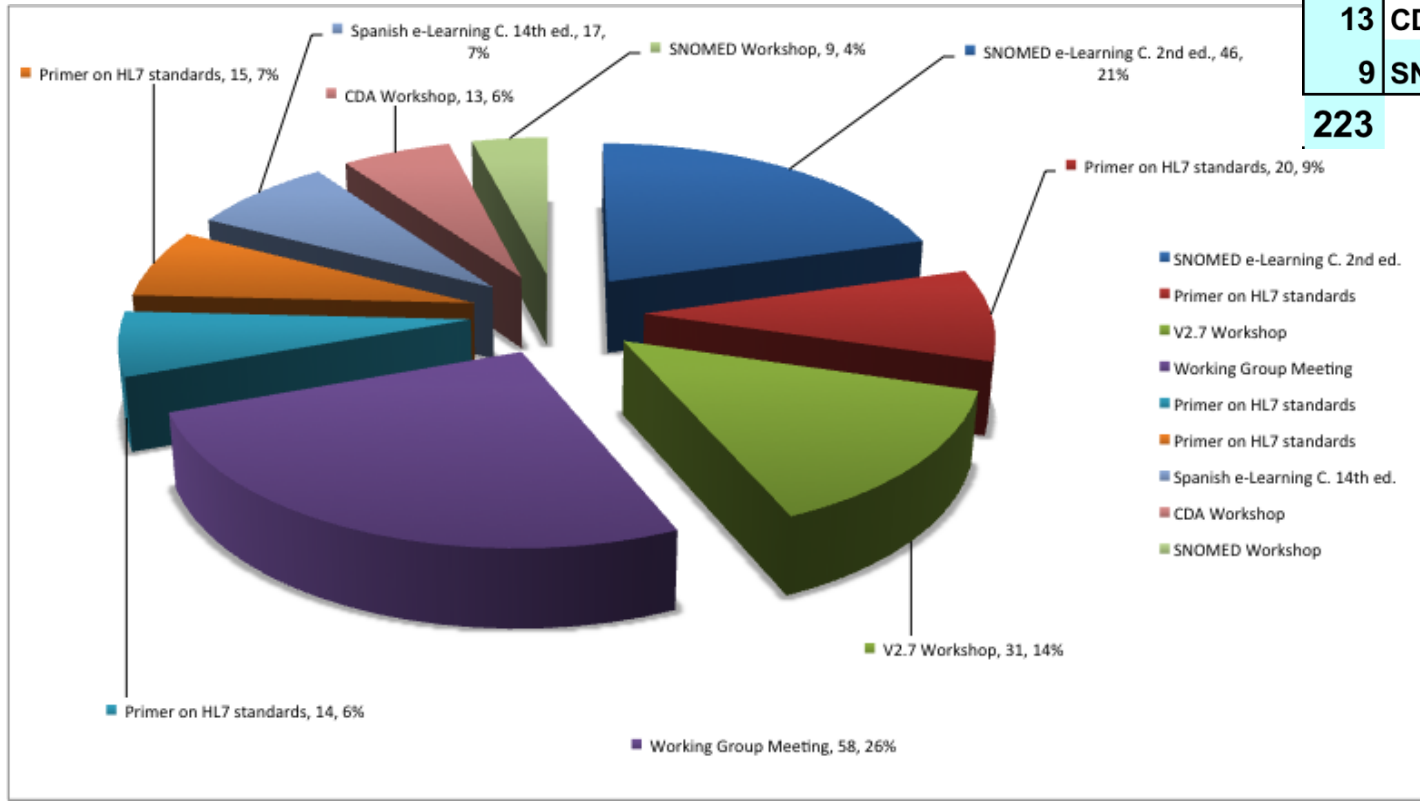
65 Corporative Members

Summary

HL7 SPAIN TRAINING PROGRAM

46	SNOMED e-Learning C. 2nd ed.
20	Primer on HL7 standards
31	V2.7 Workshop
58	Working Group Meeting
14	Primer on HL7 standards
15	Primer on HL7 standards
17	Spanish e-Learning C. 14th ed.
13	CDA Workshop
9	SNOMED Workshop

223

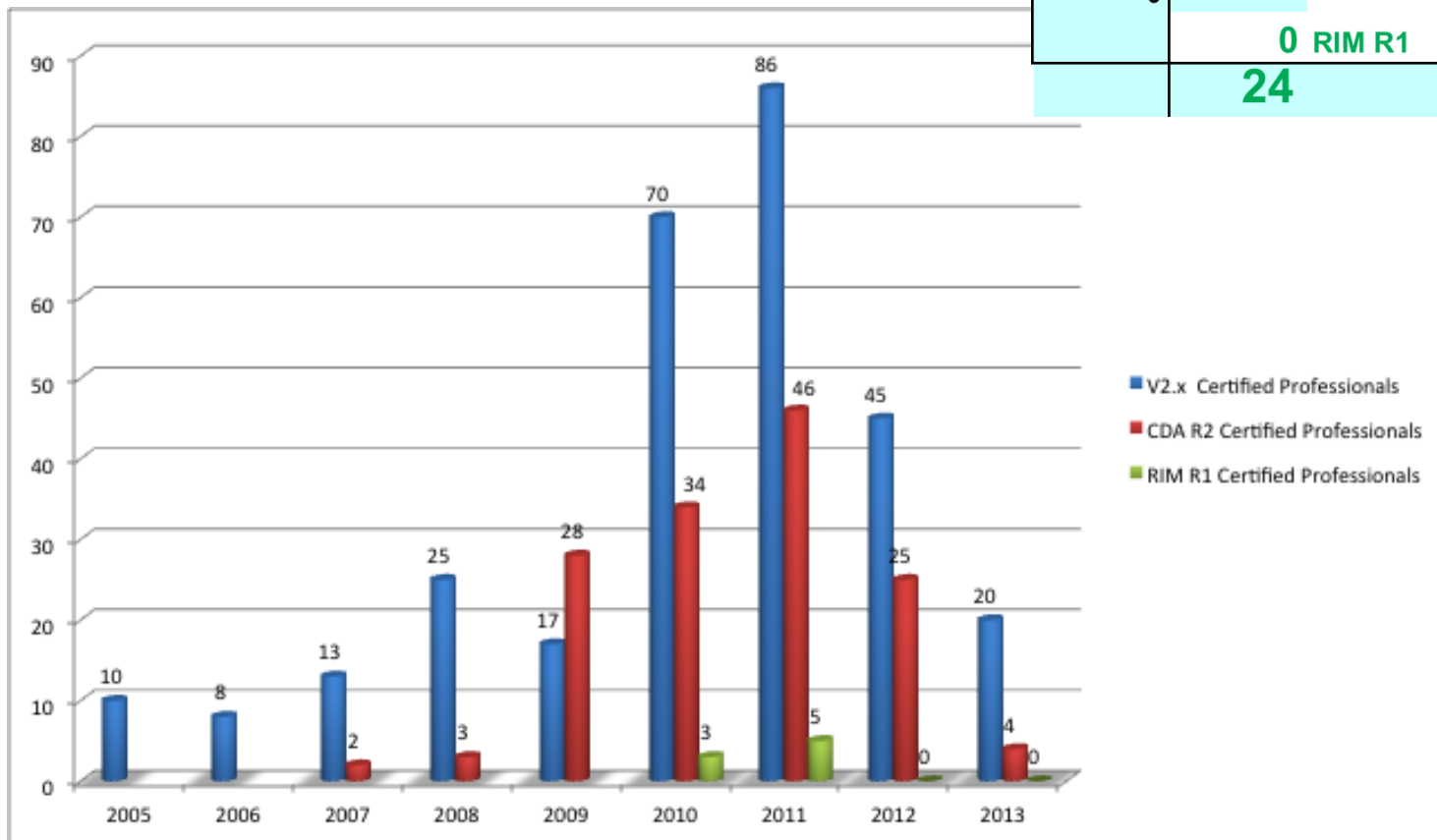


Summary

HL7 SPAIN CERTIFICATION EXAMS

Up to date September 22 , 2013

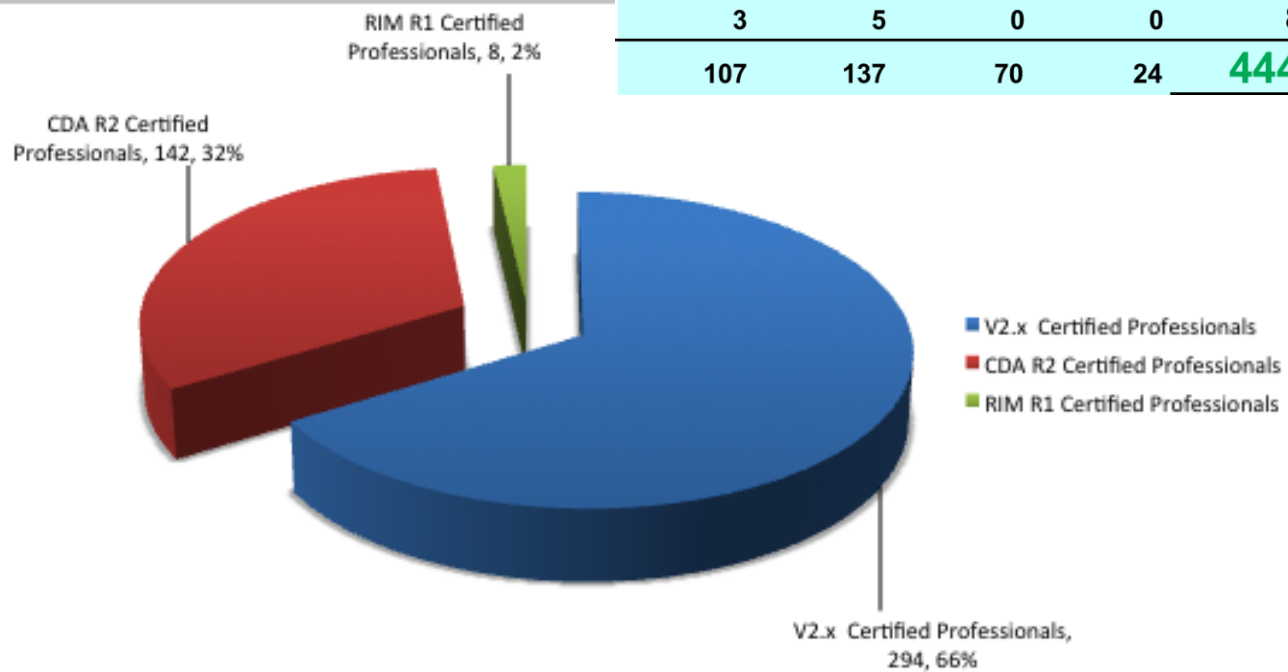
Exam	Certif
	23
	20 V2.7
	5
	4 CDA R2
	0
	0 RIM R1
	24
	86%



Summary

444 HL7 CERTIFIED PROFESSIONALS SINCE 2005

2010	2011	2012	2013	Total	
70	86	45	20	294	V2.x Certified Professionals
34	46	25	4	142	CDA R2 Certified Professionals
3	5	0	0	8	RIM R1 Certified Professionals
107	137	70	24	444	Certified Professionals



Certification



444 Certified Professionals since 2005

HL7 SPAIN 2013

Last update

22.09.2013

Certified Professionals

	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
V2.x Certified Professionals	10	8	13	25	17	70	86	45	20	294
CDA R2 Certified Professionals			2	3	28	34	46	25	4	142
RIM R1 Certified Professionals						3	5	0	0	8
Certified Professionals	10	8	15	28	45	107	137	70	24	444

HL7 SPAIN NEWS



1. Training and Certification Program events between HL7 SPAIN & HL7 MEXICO.
2. **New training tools: “HL7 Visual Learning Pathways”**
 - V3 Explorer
 - RIM Explorer
 - Clinical Statement Pattern Explorer

V3 Explorer Training Tool



Edition 2010
v3

- Accounting and Billing
- Care Provision
- Claims & Reimbursement
- Clinical Decision Support
- Clinical Genomics
- Immunization
- Laboratory
- Medical Records
- Patient Administration**
- Personnel Management
- Pharmacy
- Public Health Reporting
- Registries
- Regulated Products
- Regulated Studies
- Scheduling
- Shared Messages
- Therapeutic Devices

Patient Administration

Interaction ID	Interaction Name	Trigger Event ID	Trigger Event Name
PRPA_IN101301UV02	Person Registry Record Added	PRPA_TE101301UV02	Person Registry Record Added
PRPA_IN101302UV02	Person Registry Record Revised	PRPA_TE101302UV02	Person Registry Record Revised
PRPA_IN101303UV02	Person Registry Record Nullified	PRPA_TE101303UV02	Person Registry Record Nullified
PRPA_IN101304UV02	Person Registry Duplicates Resolved	PRPA_TE101304UV02	Person Registry Duplicates Resolved
PRPA_IN101305UV02	Person Registry Find Candidates Query	PRPA_TE101305UV02	Person Registry Find Candidates Query
PRPA_IN101306UV02	Person Registry Find Candidates Query Response	PRPA_TE101306UV02	Person Registry Find Candidates Query Response
PRPA_IN101307UV02	Person Registry Get Demographics Query	PRPA_TE101307UV02	Person Registry Get Demographics Query
PRPA_IN101308UV02	Person Registry Get Demographics Query Response	PRPA_TE101308UV02	Person Registry Get Demographics Query Response
PRPA_IN101309UV02	Person Registry Get Identifiers Query	PRPA_TE101309UV02	Person Registry Get Identifiers Query
PRPA_IN101310UV02	Person Registry Get Identifiers Query Response	PRPA_TE101310UV02	Person Registry Get Identifiers Query Response
PRPA_IN101311UV02	Person Registry Add Request	PRPA_TE101311UV02	Person Registry Add Request
PRPA_IN101312UV02	Person Registry Add Request Accepted	PRPA_TE101312UV02	Person Registry Add Request Accepted
PRPA_IN101313UV02	Person Registry Add Request Rejected	PRPA_TE101313UV02	Person Registry Add Request Rejected
PRPA_IN101314UV02	Person Registry Revise Request	PRPA_TE101314UV02	Person Registry Revise Request
PRPA_IN101315UV02	Person Registry Revise Request Accepted	PRPA_TE101315UV02	Person Registry Revise Request Accepted
PRPA_IN101316UV02	Person Registry Revise Request Rejected	PRPA_TE101316UV02	Person Registry Revise Request Rejected
PRPA_IN201301UV02	Patient Registry Record Added	PRPA_TE201301UV02	Patient Registry Record Added
PRPA_IN201302UV02	Patient Registry Record Revised	PRPA_TE201302UV02	Patient Registry Record Revised
PRPA_IN201303UV02	Patient Registry Record Nullified	PRPA_TE201303UV02	Patient Registry Record Nullified
PRPA_IN201304UV02	Patient Registry Duplicates Resolved	PRPA_TE201304UV02	Patient Registry Duplicates Resolved
PRPA_IN201305UV02	Patient Registry Find Candidates Query	PRPA_TE201305UV02	Patient Registry Find Candidates Query
PRPA_IN201306UV02	Patient Registry Find Candidates Query Response	PRPA_TE201306UV02	Patient Registry Find Candidates Query Response
PRPA_IN201307UV02	Patient Registry Get Demographics Query	PRPA_TE201307UV02	Patient Registry Get Demographics Query
PRPA_IN201308UV02	Patient Registry Get Demographics Query Response	PRPA_TE201308UV02	Patient Registry Get Demographics Query Response

RIM Explorer

Training Tool



Introduction >
Foundation Classes Subject Area >
Acts Subject Area >
Entities Subject Area >
Roles Subject Area >
Structured Documents Subject Area >
Message Communications Control Subject Area >
Message Control Subject Area >
Query Control Subject Area >
Core Infrastructure Subject Area >

Introduction

Uses of a Reference Information Model (RIM) in Health Informatics

Use of the RIM by HL7

The HL7 RIM is a critical component of the V3 development process. It is the root of all information models and structures developed as part of the V3 development process.

The HL7 V3 standard development process is a model-driven methodology in which a network of inter-related models are developed that depict the static and behavioral aspects of the requirements and design of HL7 standards, as well as the underlying semantics and business rules that govern them.

The RIM provides a static view of the information needs of HL7 V3 standards. It includes class and state-machine diagrams and is accompanied by story boards, interaction models, data type models, terminology models, and other types of models to provide a

HL7 SPAIN NEWS



3. **SNOMED-CT & Clinical Terminology Services: New e-Learning Workshop.**
4. **A Primer on iHealth Standards driven Interoperability: New e-Learning Workshop.**
5. **HL7 TOOLING CHALLENGE Submission
UPC – Barcelona Tech & HL7 SPAIN**
 - **Produce a UML Profile for MIF Static Models**
 - **Goal: To increase the number of modeling tools that are compatible with the MIF format**

Thank you...

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