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January Working Group Meeting

SAN DIEGO, CALIFORNIA

Town & Country Resort
January 7-12, 2007

Early Bird Registration—December 4, 2006
Online Registration & Hotel Cutoff—December 10, 2006
Letter From the Chair

Thank You to Our Sponsors

Table of Contents

Schedule at a Glance ................. 3
What is a Working Group Meeting? . 4
Newly Updated Education Tracks . . 4
Tutorials............................ 5-12
Other Meetings at a Glance ...... 12
HL7 TC & SIG Mtgs. at a Glance . . 13
Tutorials at a Glance .............. 14
HL7 WG Committee Meetings . . 15-18
CDA Certification Testing ........ 18
General Information............... 19
Meeting Registration Form ...... 20-22
Upcoming Work Group Meetings . 23
San Diego, California .......... 24
Version 2.5 Certification Testing . 24

HL7 in Transition

Welcome to San Diego and our first working group meeting of 2007, a year of transition for HL7. Your Board, during their annual retreat last August in Charleston, reviewed the results of the Strategic Initiatives effort funded by the Robert Woods Johnson Foundation and began to develop the Strategic Initiatives Implementation Plan. A transition team was identified and given specific tasks regarding Structure and Governance Strategies, Products and Services Strategies, Branding and Communications Strategies, Volunteer Strategies, and Product/Project Life Cycle Strategies. At an open session Monday evening following our plenary meeting in September, you were given a first introduction to some of the Structure and Governance issues being addressed. Given the expressed need for openness in the transition process, a follow up session was conducted during Thursday morning’s general session. All current documentation and the presentations were subsequently posted to the HL7 web site. I hope you’ve had the opportunity to review this information and submit any concerns or thoughts to Transition@HL7.org. Please keep in mind that these represent working documents versus organizational commitments.

As the various teams move forward, you’ll find more information posted to the Strategic Initiatives page on the HL7 web site. Much of our focus in the period leading up to this Working Group Meeting has been on Structure and Governance. Our CEO search committee has been interviewing candidates with an objective of announcing our first HL7 Chief Executive Officer during this meeting. We have been working diligently on a new structure for the Board of Directors to better reflect the global nature of HL7 as expressed in our suite of standards. At the same time, the Board is being challenged to step away from operational issues in favor of setting direction, establishing priorities, and developing appropriate strategies for the future of HL7.

A key element operationally is the transition of the Technical Steering Committee into the Technical Directorate, envisioned as the technical focal point of the organization and support team for the volunteers, who will continue to develop and evolve the standards. As an interim strategy, given that the Technical Directorate is dependent on additional funding to provide for higher staffing levels, the Technical Transition Task Force, sometimes referred to as the T3F, is being formed. An important first step is restructuring the Technical Steering Committee into functional groups as suggested by the Organizational Review Committee, a precursor to the Strategic Initiatives effort. Given consensus on composition of the functional groups, each of the three groups will select a representative to form the core of the T3F. If this step is not already completed, it may occur during this meeting. Additional T3F members will be identified by the Affiliates and the Board of Directors.

The Transition Team continues to discuss the issues surrounding the proposed creation of an HL7 US Affiliate. Our current organizational structure, HL7 (US based) and HL7 Affiliates, has proven successful at driving improvements in the standards over the past two decades, so this is not something that needs to be rushed. There are several schools of thought on this particular aspect of the Strategic Initiative. All perspectives will be considered and thoroughly discussed before a plan of action is laid out. Needless to say, 2007 will be remembered as a year of change for HL7.

In the interests of maintaining our commitment to keeping our members informed, we have set aside Q1 (9:00 to 10:30 AM) Monday morning to bring you up-to-date on transition activity. I look forward to seeing you there. I and other members of the Transition Team will be more than happy to speak with you throughout this meeting.

Sincerely,

Charles "Chuck" Meyer, Chair
HL7 Board of Directors (2006-2007)
### Schedule at a Glance

#### Sunday, January 7
- 9:00 am – 5:00 pm: Affiliates Council (formerly the International Affiliates Meeting)
- 9:00 am – 5:00 pm: Vocabulary Meeting and Facilitators’ Roundtable
- 11:00 am – 12:30 pm: Infrastructure & Messaging Meeting
- 1:45 pm – 9:00 pm: Modeling & Methodology Meeting
- 3:00 pm – 6:00 pm: Registration
- 3:30 pm – 5:00 pm: First-Time Attendee Orientation
- 5:00 pm – 5:45 pm: HL7 Organization and Process Open Forum
- 6:00 pm – 7:30 pm: HL7 Tooling Collaborative Executive Board Meeting
- 6:00 pm – 9:00 pm: Electronic Health Records Meeting
- 7:30 pm – 9:30 pm: HL7/CE/ISO Meeting

#### Monday, January 8
- 7:00 am – 5:00 pm: Registration
- 7:00 am – 8:00 am: Continental Breakfast
- 7:00 am – 7:45 am: Continental Breakfast
- 8:00 am – 8:30 am: Strategic Initiatives Update
- 9:00 am – 10:30 am: Afternoon Break
- 10:30 am – 11:00 am: Morning Break
- 11:00 am – 12:30 pm: Clinical Statements
- 11:00 am – 12:30 pm: Introduction to Vocabulary
- 11:00 am – 12:30 pm: HDF Transition Plan (free)
- 12:30 pm – 1:30 pm: Working Group Meetings
- 12:30 pm – 1:30 pm: Lunch (1st Time Attendees Q & A reserved tables)
- 12:30 pm – 1:30 pm: Lunch (Co-Chair tables reserved)
- 12:30 pm – 1:30 pm: ORC Lunch (Must Sign Up)
- 1:45 pm – 3:00 pm: Clinical Statements
- 1:45 pm – 3:00 pm: Introduction to Vocabulary
- 1:45 pm – 5:00 pm: Advanced COW – Cancelled
- 3:00 pm – 3:30 pm: Afternoon Break
- 3:30 pm – 5:00 pm: TermInfo and SNOMED CT
- 3:30 pm – 5:00 pm: RCRM Use of BRIDG as a Domain Analysis Model (free)
- 5:30 pm – 9:00 pm: TSC Meeting/Dinner
- 6:00 pm – 9:00 pm: Open Space Meetings – Self Organized (no A/V)

#### Tuesday, January 9
- 7:00 am – 8:00 am: Continental Breakfast
- 7:00 am – 8:00 am: OCR Breakfast Meeting
- 7:30 am – 5:00 pm: General Session (Technical Steering Committee Report)
- 8:00 am – 8:30 am: Strategic Initiatives Update
- 9:00 am – 10:30 am: Afternoon Break
- 9:00 am – 12:30 pm: Introduction to Version 2.5, Part I
- 9:00 am – 12:30 pm: HL7 Organization and Process Open Forum
- 9:00 am – 12:30 pm: TSC Meeting/Dinner
- 9:00 am – 10:30 am: Electronic Health Records
- 9:00 am – 12:30 pm: Introduction to Version 3, Part I: Fundamentals
- 9:00 am – 12:30 pm: Electronic Health Records
- 9:00 am – 12:30 pm: Working Group Meetings
- 10:30 am – 11:00 am: Morning Break
- 12:30 pm – 1:30 pm: Lunch (1st Time Attendees Q & A reserved tables)
- 12:30 pm – 1:30 pm: Lunch (Co-Chair tables reserved)
- 12:30 pm – 1:30 pm: Implementation Lunch (formerly Early Adapters Lunch) (Must Sign Up)
- 1:45 pm – 5:00 pm: Introduction to Version 2, Part II
- 1:45 pm – 5:00 pm: Introduction to Version 3, Part II: Messaging
- 1:45 pm – 5:00 pm: HL7 and HIPAA Attachment Recommendation
- 3:00 pm – 3:30 pm: Afternoon Break
- 3:30 pm – 10:00 pm: Board of Directors’ Meeting
- 6:00 pm – 9:00 pm: Open Space Meetings – Self Organized (no A/V)

#### Wednesday, January 10
- 7:00 am – 8:00 am: Continental Breakfast
- 7:30 am – 5:00 pm: Registration
- 8:00 am – 9:00 am: General Session (Board of Directors Report / Awards Presentations)
- 9:00 am – 12:30 pm: Version 2 Control Specialist Certification Review
- 9:00 am – 12:30 pm: Version 3 XML ITS & Data Types
- 9:00 am – 12:30 pm: CDA Introductory Tutorial
- 9:00 am – 5:00 pm: Working Group Meetings
- 10:30 am – 11:00 am: Morning Break
- 1:45 pm – 5:00 pm: Essentials of German for HL7’ers Tutorial (free)
- 1:45 pm – 6:15 pm: Lunch (Co-Chair tables reserved)
- 3:00 pm – 5:00 pm: CDA Advanced Tutorial
- 3:00 pm – 5:00 pm: Version 3 Messaging Implementation Part I: Analysis & Specification
- 3:00 pm – 3:30 pm: Afternoon Break
- 5:15 pm – 6:15 pm: HL7 Networking Reception
- 6:00 pm – 9:00 pm: Open Space Meetings – Self Organized (no A/V)
- 6:30 pm – 8:00 pm: HL7 Tooling Open Information and Demonstrations

#### Thursday, January 11
- 7:00 am – 7:45 am: Newly Elected Co-Chair Training
- 7:00 am – 8:00 am: Continental Breakfast
- 7:30 am – 5:00 pm: General Session
- 8:00 am – 8:30 am: Strategic Initiatives Update
- 9:00 am – 12:30 pm: Version 2 Message Profiles & Conformance
- 9:00 am – 12:30 pm: Version 3 Messaging Implementation Part II: Implementation Mechanics
- 9:00 am – 12:30 pm: CDA Certification Test Preparation
- 9:00 am – 12:30 pm: Working Group Meetings
- 10:30 am – 11:00 am: Morning Break
- 12:30 pm – 1:30 pm: Chair of International Affiliate or Designee Lunch (Must sign up)
- 12:30 pm – 1:30 pm: Lunch
- 1:45 pm – 5:00 pm: Messaging Workbench Advanced A – Cancelled
- 1:45 pm – 5:00 pm: Version 3 Tools Overview: Using HL7’s Version 3 Message Development Tools
- 1:45 pm – 5:00 pm: Messaging Workbench Advanced B – Cancelled
- 5:00 pm – 7:00 pm: Messaging Workbench Implementation Mechanics
- 3:00 pm – 3:30 pm: Afternoon Break
- 5:30 pm – 7:30 pm: Version 2.5 Certification Testing
- 5:30 pm – 10:00 pm: CDA Certification Testing
- 7:30 pm – 5:00 pm: MnM Facilitators’ Roundtable

#### Friday, January 12
- 7:00 am – 8:00 am: Continental Breakfast
- 7:00 am – 8:00 am: No General Session
- 8:00 am – 8:30 am: Sr. Staff will be on hand for questions
- 8:00 am – 1:00 pm: Working Group Meetings
- 9:00 am – 5:00 pm: Morning Break
- 10:30 am – 11:00 am: Lunch
- 12:30 pm – 1:30 pm: Lunch
- 3:00 pm – 3:30 pm: Afternoon Break

Note: Tutorials appear in bold
Note: In compliance with our status as an ANSI-accredited standards developing organization, HL7 meetings are open.

Register Online Today! [www.HL7.org](http://www.HL7.org)
HL7 working group meetings are held three times per year at varying locations. These working group meetings serve two important purposes: 1) They give the HL7 technical committees and special interest groups a chance to meet face-to-face to work on the standards; 2) They provide an invaluable educational resource for the healthcare IT community.

Standards Development

HL7 has more than 40 technical committees (TCs) and special interest groups (SIGs) dedicated to specialized areas of interest such as Orders and Observations and Electronic Health Records. These technical committees and special interest groups are directly responsible for the content of the standards and spend much of their time at the working group meetings hard at work on standards development.

Attending a TC or SIG meeting can be a great way to get a handle on what is going on in a particular area, and everyone attending an HL7 working group meeting is invited to attend any of the TC or SIG meetings.

Please see pages 12-13 for a complete schedule of meeting times throughout the week.

Educational Sessions

This working group meeting will offer numerous educational opportunities. Sessions will cover a full range of HL7-specific topics such as Version 2.x Implementation, Version 3, and the Clinical Document Architecture (CDA) among others. Educational sessions also branch out to cover general interest industry topics such as the Electronic Health Record, XML and Vocabulary Terminology. For a full listing of course descriptions, please see pages 5-12.

Newly Updated Education Tracks

HL7 has now organized its courses into four tracks to make it easier to choose the educational offerings that are right for you:

Track 1 – Version 2 • Track 2 – Version 3 • Track 3 – HL7 Special Topics • Track 4 – Related Standards

Track 1 – Version 2 Core

HL7 Version 2 is the world’s most successful healthcare interoperability standard. Originally developed in the late 1980s, it has been continually enhanced over time. The introductory tutorials familiarize students with the Version 2 messaging standard and its core domain areas, while the implementation classes provide the “how to” basics of implementation. The track also includes courses that cover conformance and profiles and XML for Version 2.

Track 2 – Version 3 Core

HL7 Version 3 is HL7’s new flagship standard, adopted by major healthcare organizations, such as the NHS in England. This track is designed to give the attendee a thorough introduction to the Version 3 family of standards. It covers Version 3 fundamentals, the Reference Information Model, messaging, documents (Clinical Document Architecture), messaging infrastructure (wrappers, transport), and the XML Implementation Technology specification. It concludes with classes that address strategies for implementation.

Track 3 – HL7 Special Topics

The Special Topics track offers a variety of electives that describe important HL7 standards that may not fall in either the V2 or V3 family. These include HL7 standards for Electronic Health Records (EHR), visual integration (CCOW), Security and medical logic (Arden Syntax). The Special Topics track also offers advanced or specialized classes in V3 or V2 subjects which are not considered part of the basic core offerings. Examples include classes in V2 and V3 tooling and domain classes such as Clinical Genomics.

Track 4 – Related Standards

HL7 works closely with other standards organizations and is always monitoring relevant innovations. The Related Standards track offers a variety of courses covering standards used or related to HL7 such as UML, XML, SNOMED CT, LOINC, OWL, and HIPAA Claims Attachments.

These tracks are only suggested course groupings. Feel free to choose whatever courses you feel are right for you from among the four tracks.

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**TRACK 1—VERSION 2 CORE**

**T7** Introduction to Version 2, Part 1

*Tuesday, January 9 / 9:00 am – 12:30 pm*

This tutorial introduces students to HL7 and the basic concepts of Version 2. It discusses the structure of the Standard and covers two of the standard’s fundamental chapters: Control and Patient Administration.

***This Tutorial Will Benefit:***

❖ Those new to HL7

***Faculty:***

*Mike Henderson: Principal Consultant, Eastern Informatics*

**T10** Introduction to Version 2, Part 2

*Tuesday, January 9 / 1:45 pm – 5:00 pm*

This tutorial provides the students with an overview of the V2 Orders and Observations messages and major concepts and provides a sampling of the type of information that can be communicated using these messages.

***This Tutorial Will Benefit:***

❖ Those new to HL7 with a need to become familiar with Version 2 messages

***Upon Completion of This Tutorial, Students Will Know:***

❖ Basic Order and Observation message structures
❖ Sample messages
❖ How to start to interpret the V2 Orders and Observation standards

***Faculty:***

*Hans Buitendijk: HL7 Board of Directors; Co-Chair, HL7 ORC; Co-Chair, HL7 Orders and Observations; Portfolio Manager, Siemens Medical Solutions Health Services Corporation Project Manager*

**W14** Version 2 Control Specialist Certification Review

*Wednesday, January 10 / 9:00 am – 12:30 pm*

This tutorial reviews the message definition; and processing rules and data type definitions of the Control chapters of the HL7 Version 2.5 Standard. Upon completion of this tutorial, students will be better prepared to take the HL7 V2 Control Specialist Certification Exam. Note that students are also expected to prepare for the exam by previous study of Chapter 2 (Control) and Chapter 2A (Data Types) of the HL7 Version 2.5 Standard.

***This Tutorial Will Benefit:***

❖ Anyone preparing for the HL7 Control Specialist Certification Exam
❖ Interface analyst specialists and managers who need to understand the technical aspects of HL7 interfaces

***Faculty:***

*Mike Henderson: Principal Consultant, Eastern Informatics*

**TH20** Version 2 Message Profiles and Conformance

*Thursday, January 11 / 9:00 am – 12:30 pm*

This course is designed to explore the concept of conformance within HL7 Version 2 as described in Chapter 2 of Version 2.5. Additionally, this tutorial will demonstrate how we can apply message profiling to interoperability by improving clarity, simplifying implementations and streamlining testing. Participants will be introduced to tools that facilitate analysis and interoperability while, at the same time, fully documenting HL7 conformance.

***This Tutorial Will Benefit:***

❖ Anyone interested in HL7 interoperability

***Upon Completion of This Tutorial, Students Will Know:***

❖ How to measure conformance using messaging profiling
❖ How vendors can document their applications’ implementations
❖ How providers can improve their RFP results by using message profiling
❖ How to use message profiles developed for specific domains
❖ The tools available to facilitate HL7 Version 2.x conformance efforts (Messaging Workbench and the Global Profile Library)
❖ More about HL7 conformance certification
❖ How to develop HL7 conformance documentation for Version 2

***Prerequisites:***

❖ Working knowledge of HL7 or other EDI standards (ASTM, X12)

***Faculty:***

*Abdul-Malik Shakir: Co-chair, HL7 Education Committee; Chair, HL7 Organizational Relations Committee; Principal Consultant, Shakir Consulting*

**TRACK 2—VERSION 3 CORE**

**M1** Clinical Statements

*Monday, January 8 / 11:00 am – 3:00 pm*

The HL7 clinical statement pattern is one of the keys to interoperable communication of clinical information. The clinical statement pattern is the semantic foundation for structured clinical information in the Clinical Document Architecture (Release 2) and in many Version 3 messages. Development and refinement of the pattern is continuing in the Clinical Statements Project. This project has a close relationship with the HL7 TermInfo Project, which is addressing the gaps and overlaps between the clinical statement pattern and external terminology models. The tutorial provides an introduction to the clinical statement pattern and the issues of semantic interoperability that it addresses.

The first session describes the requirements and challenges posed by clinical semantic interoperability. It continues by summarizing the evolution of the clinical statement pattern and explaining how the pattern is expressed as part of HL7 Version 3. The second session explains the component parts of the clinical statement model, and how these relate to HL7 specifications in specific domains. The tutorial concludes with a summary of open issues and a report on progress towards finalizing clinical statements as a balloted HL7 standard.

***This Tutorial Will Benefit:***

❖ Anyone needing to understand how HL7 Version 3 supports communication of clinical information in ways that enable effective retrieval and processing
**Tutorials**

**Upon Completion of This Tutorial, Students Will Know:**
- The current state of the clinical statement pattern within HL7 Version 3 standards
- The key factors that determine the effectiveness of clinical communication
- Some of the issues related to use of coded terminologies in clinical statement patterns. Those interested in knowing more about this may also wish to attend the tutorial on HL7 TermInfo and SNOMED CT

**Prerequisites:**
- It would be useful for students to have some prior knowledge of the HL7 Version 3 Reference Information Model (RIM) and development method. An understanding of clinical information and clinical terminologies would also be helpful but not essential.

**Faculty:**
*David Markwell:* Past Chair, HL7 UK; Co-Editor, HL7 TermInfo project; Chair SNOMED Concept Model Working Group; Principal Consultant, The Clinical Information Consultancy Ltd, Reading, England

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**T11 Introduction to Version 3, Part 2: Messaging**

**Tuesday, January 9 / 1:45 pm – 5:00 pm**

Health Level Seven is famous as a provider of messaging standards. That is, providing the standard format and interaction specifications required for two disparate health care systems to communicate at the application level. This class builds on the morning Versions 3 introduction class by focusing on how messaging is addressed with the Version 3 standard. It reviews and expands on how Version 3 static models are used to represent messages. The Version 3 dynamic model, which is related to the interactions between systems, is introduced. It explains how message sets are documented within the standard. Finally, it explores how a simple message is wrapped, transmitted, and acknowledged.

Note that the class is based on the latest Version 3 ballot material. The latest Version 3 ballot publication can be accessed and downloaded from http://www.hl7.org/V3ballot/html/welcome/introduction/index.htm. Students may be interested in reviewing or downloading the ballot prior to class.

**The Tutorial Will Benefit:**
- Anyone who needs to read Version 3 messaging publications
- Anyone interested in Version 3 implementation or standards development
- Anyone interested in more advanced classes on Version 3

**Upon Completion of This Tutorial, the Student Will Have Obtained the Following:**
- Rudimentary understanding of Version 3 static and dynamic models and associated terminology as needed to support Version 3 messaging
- In specific, the following dynamic model terms are introduced: storyboard, application role, trigger event, interaction
- Summary of all functional areas in the current Version 3 ballot publication and their status
- Ability to read a Version 3 functional domain

**Prerequisites:**
- Introduction to Version 3, (Note: Messaging builds directly on the concepts covered in Part 1 and is designed to be a continuation of the morning class. Most attendees of Messaging also take the Intro class. If you would like to take Messaging without the Intro please contact the instructor).

**Faculty:**
* Virginia Lorenzi: NewYork-Presbyterian Hospital

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**W15 Version 3 XML ITS & Data Types**

**Wednesday, January 10 / 9:00 am – 12:30 pm**

This tutorial provides an in-depth look at the Version 3 XML Implementable Technology Specification (ITS), covering both the Structures and Data types portions of the ITS.

**This Tutorial Will Benefit:**
- Anyone with XML experience interested in Version 3 implementation
- Anyone with a specific interest in the V3 XML Implementation Technology Specification

**Upon Completion of This Tutorial, Students Will Know:**
- How clinical and administrative information is represented in V3 Messages (Interactions) and as XML instances
The Clinical Document Architecture (CDA) is HL7’s specification for standards-based exchange of clinical documents. CDA is based on the concept of scalable, incremental interoperability and uses Extensible Markup Language (XML), the HL7 Reference Information Model (RIM) and controlled terminology for structure and semantics. This tutorial presents the business case for CDA, its primary design principles and an overview of the technical specification. The session describes CDA projects in the United States, Europe and Asia/Pacific and the tools available for CDA creation, management and distribution. It describes the current work on CDA summary documents, and a detailed walkthrough of samples of CDA documents, coded in the CDA schema. It reviews the CDA RMIM, Schema and Data types CDA and how these are reflected in the CDA model and implemented using Clinical Statements.

This Tutorial Will Benefit:
❖ Healthcare providers and exchange network architects considering CDA implementation
❖ Product managers considering support for CDA
❖ Public health officials & those with structured information reporting requirements Implementers of all kinds beginning to work with CDA

Prerequisites:
❖ Introduction to Version 3 (Part 1) recommended

Faculty:
Liora Alschuler: Co-Editor, CDA; Co-Chair, HL7 Structured Documents TC; HL7 Board of Directors; Principal, Alschuler Associates, LLC
Rick Geimer (Co-Speaker): Senior Architect, Developer of the CDA Validator, Alschuler Associates, LLC

Tools Needed:
❖ While a laptop is not required, there will be a paper-based workshop component to this tutorial and those with a laptop and any XML editor running on it might get more out of the hands-on exercises

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Implementation Mechanics.

This class also provides a lead-in for Version 3 Implementation Part 2:


Wednesday, January 10 / 1:45 pm – 5:00 pm

The use of HL7 Version 3 to implement interfaces within a particular application context can have hidden complexities. While Version 3 has been designed to reduce the amount of required site-specific negotiation, it is not possible to simply pull the message specification(s) “out of the box” and install it. This tutorial guides the student through the analysis process, and addresses issues necessary for building robust interface solutions. It covers:

- Documentation of message specifications
- Implementation considerations for data types
- Managing vocabulary from the implementation perspective
- Procedures to address refinement and localization of the standard
- Tips and strategies for successful implementation

This class also provides a lead-in for Version 3 Implementation Part 2: Implementation Mechanics.

This Tutorial Will Benefit:

❖ Analysts and Architects who need to map HL7 Version 3 messages to or between computer applications
❖ Project Managers responsible for Version 3 implementation projects
❖ Anyone considering Version 3 early adoption

Upon Completion of This Tutorial, Students Will Know:

❖ How to develop and carry out a plan for creating Version 3 interfaces
❖ How to read and write Version 3 message specifications
❖ How to design tips and strategies

Prerequisites:

❖ A basic understanding of Version 3 is a requirement (such as the Introduction to Version 3 Tutorials). More advanced tutorials (XML ITS and Wrappers) are encouraged as well. Previous experience in V2 implementations will be of value.

Faculty:

Mead Walker: Chair, HL7 Architectural Review Board; Mead Walker Consulting

TH21 Version 3 Messaging Implementation, Part 2: Implementation Mechanics

Thursday, January 11 / 9:00 am – 12:30 pm

This class gives an overview of current technical strategies for implementing solutions based on the Version 3 specifications. How do we populate a message from our repository? What do we do when we receive a message? How do we process it? This tutorial will address implementation of Version 3 messaging systems from a practical point of view. Different architectural approaches will be examined and compared. The tutorial is designed to address the needs of the implementer/developer, bridging the gap between domain experts and developers. The tutorial will address techniques and design patterns for manipulating Version 3 messages: parsing and serialization, extended validation, communication, storage and retrieval, localization and extensions and enablement of existing applications. The tutorial will also give a brief overview of the tools available to the HL7 community for implementing these solutions.

This Tutorial Will Benefit:

❖ Software architects responsible for integration projects
❖ Developers responsible for Version 3 implementation
❖ Technical Specialists considering Version 3 adoption

Upon Completion of This Tutorial, Students Will Have:

❖ Understanding of multiple architectural approaches and techniques for Version 3 implementation
❖ Basic knowledge of the different technologies and tools available to implement HL7 Version 3 message specifications

Prerequisites:

❖ Introduction to Version 3 (Part 1 and Part 2)
❖ Version 3 XML ITS and Data Types
❖ Version 3 Wrappers and Transport
❖ Version 3 Implementation Part 1: Analysis and Specification

Faculty:

Calvin Beebe: Co-Chair, HL7 Structured Documents TC; Editor, CDA; Technical Specialist, Information Services, Mayo Clinic - Rochester, MN

Robert Dolin, MD (Co-Speaker): HL7 Board of Directors; Co-Chair, HL7 Structured Documents TC; Physician, Kaiser Permanente

CDA Certification Test Preparation

Thursday, January 11 / 9:00 am – 12:30 pm

Upon completion of this tutorial, students will be better prepared to take the CDA Certification Exam.

This Tutorial Will Benefit:

❖ Anyone preparing for the CDA Certification Exam
❖ System Analysts or Clinical Application Developers wanting in-depth understanding of the CDA Release 2.0 standard

Prerequisites:

❖ Participants are encouraged to read carefully the CDA Release 2.0 standard
❖ Introduction to Version 3 (part 1) as well as the CDA Introductory and Advanced tutorials are strongly recommended

Faculty:

Calvin E. Beebe: Co-Chair, HL7 Structured Documents TC, Co-Editor, CDA; Technical Specialist, Information Services, Mayo Clinic - Rochester, MN

TRACK 3—HL7 SPECIAL TOPICS

M2 Introduction to Vocabulary

Monday, January 8 / 11:00 am – 3:00 pm

Brief topics include vocabulary use in the CDA, templates and information models, and Common Terminology Services. Some of these topics are dealt with more deeply and completely in the Vocabulary II tutorial.
Upon Completion of This Tutorial, Students Will Know:
❖ The basic role and integration of terminologies into HL7 messages
❖ An understanding of the LOINC, SNOMED and other clinical terminology systems as applied to HL7 messaging

This Tutorial Will Benefit:
❖ Those seeking an overview to terminology and LOINC and SNOMED in particular

Faculty:
Cecil Lynch, MD, MS: Co-Chair, Vocabulary TC; Principal, OntoReason, LLC
Ted Klein, MS: Co-Chair, Vocabulary TC; Ted Klein Consulting

M4  HL7 TermInfo & SNOMED CT

Monday, January 8 / 3:30 pm – 5:00 pm

The HL7 TermInfo Project is specifying standard guidelines for the interface between terminologies and HL7 information models. This tutorial looks at the way that both terminologies and information models contribute to meeting requirements for semantic interoperability. It summarizes the gaps and overlaps between SNOMED CT and the HL7 Reference Information Model in terms of complete and ambiguous representation of meaning. The tutorial outlines the current guidance on these gaps and overlaps in the HL7 Draft Standard for Trial Use on “Using SNOMED CT in HL7 Version 3.” Many of the issues and guidelines discussed are also applicable to use of other terminologies in HL7 specifications.

This Tutorial Will Benefit:
❖ Anyone interested in reproducible, processable communication of meaningful clinical information
❖ Anyone wishing to apply the HL7 TermInfo guidelines to work in an HL7 domain committee and practical implementation

Upon Completion of This Tutorial, Students Will Know:
❖ The main ways in which representation of meaning in information models, codes and terminologies may interact and overlap
❖ The general principles that can be applied to different information models and terminologies to minimize ambiguity and ensure effective processable representation of meaningful statements
❖ The specific recommendations in the proposed DSTU on use of SNOMED CT in Version 3

Prerequisites:
❖ Attendees who are not familiar with HL7 Version 3 should attend the “Clinical Statements” and the “Introduction to Version 3” tutorial prior to this tutorial. Attendees without prior understanding of SNOMED CT are recommended to attend the “Introduction to Vocabulary” Tutorial.

Faculty:
David Markwell: Past Chair, HL7 UK; Co-Editor, HL7 TermInfo project; Chair SNOMED Concept Model Working Group; Principal Consultant, The Clinical Information Consultancy Ltd, Reading, England

M5  Advanced CCOW

Monday, January 8 / 1:45 pm – 5:00 pm

This tutorial will present advanced CCOW capabilities that have been added to the standard over the years. These capabilities include general architectural support for context annotations and context actions, as well as specific examples of these mechanisms as defined by the standard. In addition, context subjects that support DICOM, as well as subjects that enable the coordination of views presented in application data displays will also be discussed. Highlights of the CCOW Best Practices and Common Mistakes document will be summarized, and new CCOW work items will be introduced.

This Tutorial Will Benefit:
❖ Anyone interested in learning more about the rich capabilities provided in CCOW for coordinating and synchronizing applications

Upon Completion of This Tutorial, Students Will Know:
❖ The full extent of the CCOW architecture
❖ The full extent of the CCOW the standard
❖ Best practices and common mistakes
❖ Future CCOW directions

Prerequisites:
❖ Working understanding of CCOW User Link and Patient Link. It is not necessary to have implemented CCOW. Software programming experience is not required.

Faculty:
Robert Seliger, Co-Chair, CCOW TC; President & CEO, Sentillion

T9  Electronic Health Record (EHR)

Tuesday, January 9 / 9:00 am – 12:30 pm

This informative tutorial provides an in-depth look at the EHR-S Functional Model which now includes conformance criteria, and is currently being balloted as a normative ANSI standard. The tutorial will also include related industry background information including a briefing on Certification Commission for Healthcare Technology (CCHIT), Healthcare Information Technology Standards Panel (HITSP), and other standards initiatives, as well as the status of on-going EHR TC projects such as the PHR, Glossary, Legal EHR and other Profiles, and the Interoperability Model.

NOTE: this is a system functional standard, not a messaging, document, or data standard.

This Tutorial Will Benefit:
❖ Those seeking information on standards for Electronic Health Records functionality

Upon Completion of This Tutorial, Students Will Know:
❖ The difference between the CPR, EMR, EHR, EHR-S, and the PHR
❖ Background and status of the EHR-S Functional Model as an impending ANSI standard
❖ How to use the Functional Model to develop conformance and care setting profiles
❖ How the industry can use/is using the Functional Model for EHR product development, system selection, and product certification
❖ Background and status of HL7 and other industry projects supporting EHR standards
This tutorial will provide a step-by-step understanding of the tools that committee contributors and facilitators use to develop and submit content for HL7 Version 3 Message Standard Ballots. It will also cover tooling that committees and implementers can use to better document their specifications, including the ability to develop documentation targeted at different user groups. This will be a “hands-on” session with participants “following along” by running the tools on their own laptop computers. Instructions on downloading and installing the necessary tools will be provided to students in advance of the tutorial.

www.hl7.org/library/datamodel/V3Tooling/toolsIndex.htm

This Tutorial Will Benefit:

❖ Individuals who are supporting HL7 Committees, related project teams, and others involved in the documentation of messaging standards, and the creation and documentation of message designs

Scope:
The intent is to provide an overview of the tooling that supports ballot tooling from “end-to-end” including:

❖ Tooling architecture, including the place and potential uses of the HL7 Model Interchange Format (MIF)
❖ HL7 repositories—overview of contents and organization (brief)
❖ RoseTree—Use as a RIM and Vocabulary Browser (brief)
❖ Publication Data base—including WYSIWYG editing with XML Spy
❖ RMIM Design Tool in Visio—including design steps, use of shadows, textual documentation, validation, saving designs
❖ Creation of HMD and MessageType—creating these designs in RoseTree, once the RMIM is saved from Visio
❖ Creation of XML and Excel exports—Exporting these representations of an HMD with RoseTree, and formatting of the Excel view
❖ Generation of XML Schemas—Creation of XML schemas for the message designs using HL7—defines XSLT processes. Time permitting; we will also cover likely (or known) future changes to these tools

Prerequisites:

❖ This tutorial pre-supposes a detailed familiarity with Version 3 terminology. At a minimum, the prospective student should have taken or have previous knowledge of the material addressed in the Introduction to Version 3 tutorials. Other courses on the Version 3 track, especially the Version 3 Implementation Part 1 class, are suggested as well. The tutorial will not cover Version 3 terminology, the RIM, representation of concepts in an RMIM, cloning, application roles, etc. It is presumed that the participants are conversant with these topics and simply need to know how to capture the artifacts with the tools.

Faculty:

Lloyd McKenzie, PEng (Lead Speaker): Co-chair, HL7 Modeling and Methodology TC; Co-Chair, Tooling Committee; Modeling and Methodology Facilitator-at-Large; Principal Consultant, LM&A Consulting Ltd.

George (Woody) Beeler, PhD (Co-Speaker): Co-Chair, HL7 Modeling & Methodology TC; Principal, Beeler Consulting, LLC

Peter Rontey—VHA Messaging Administrator, Developer of the Messaging Workbench
**TRACK 4—RELATED STANDARDS**

**T12**

**HL7 and HIPAA Claims Attachment Transformations**

**Tuesday, January 9 / 1:45 pm – 5:00 pm**

The class begins with a background on the standard electronic attachments solution and explores, in detail, all of the standards involved including the X12, 277, 275 and HL7 CDA for attachments. Participants will learn about how LOINC codes are the key to this solution and how they are used in this specific context. Other topics covered include industry initiatives around attachments, a report on the first claims-attachments pilot, and finally attention will be given to the regulatory process that will ultimately mandate these standards under HIPAA. Upon completion of this tutorial, students will have a good understanding of the standards for Claims Attachments, the regulatory process and what others in the industry are doing with these standards. While there will be a brief general background review, this tutorial is geared toward those with a working knowledge of HIPAA, specifically the standard transactions.

**This Tutorial Will Benefit:**
- Anyone interested in learning about the development of national standards for healthcare attachment (claims and other) information.
- Additionally, individuals responsible for HIPAA transaction implementation should attend.

**Faculty:**
- Maria Ward, Co-Chair, HL7 Attachments SIG; Member of the DSMO Steering Committee; Member of NUCC

**M6**

**RCRIM Use of BRIDG as a Domain Analysis Model**

**Monday, January 8 / 3:30 pm – 5:00 pm**

This tutorial will describe the BRIDG model, the domain analysis model used by the RCRIM technical committee. The BRIDG model has been in development for three years, and describes the domain of regulated clinical trials research and the related artifacts. In this tutorial, we will review the rationale for developing such a model, describe the organization and best practices for model development, introduce the tools to support model construction, and answer questions about lessons learned.

**This Tutorial Will Benefit:**
- Individuals who are developing analysis models as part of the first step in the HDF

**Prerequisites:**
- Basic Knowledge of UML
- Basic Knowledge of XML and Schema
- Basic Knowledge of XHTML is an advantage but are not essential
- Basic Knowledge of CDA semantics is an advantage but are not essential

**Faculty:**
- Lee Collier, Modeling and Methodology HDF editor, Software Architect, Industry Solutions Development, Oracle Corporation

**M3**

**HDF Transition Plan**

**Monday, January 8 / 11:00 am – 12:30 pm**

The methodology used by HL7 for standard development has evolved from the MDF (Message Development Framework) to HDF (HL7 Development Framework) that encompasses the variety of standard products developed by HL7. HDF documents a comprehensive set of processes for Requirements Analysis, Standard Development, and Standard Profiling. In addition, the MDF provides examples to standard developers and implementers using specific style and a new UML profile.

This tutorial is presented in order to prepare the HL7 membership for the migration to HDF starting in May 2007.

**This Tutorial Will Benefit:**
- Modeling facilitators, volunteers involved in any aspect of H7 standard development, and anyone who is implementation and conformance to HL7.

**Upon Completion of This Tutorial, Students Will Know:**
- The based HL7 methodology that encompasses all areas of standards developments

**Prerequisites:**
- Familiarity with MDF 99

**Faculty:**
- Ioana Singureanu, Modeling and Methodology Co-Chair; Application Architect, Department of Veterans Affairs/Eversolve, LLC
- Lee Collier, Modeling and Methodology HDF editor, Software Architect, Industry Solutions Development, Oracle Corporation

**T25**

**Process Modeling with XSLT Formal Constraint Modeling**

**Thursday, January 11 / 1:45 pm – 5:00 pm**

This tutorial offers an ideal introduction to the Extensible Stylesheet Language (XSL) and associated standards such as XSL Transformations (XSLT) and XML Path Language (XPath). Attendees will get a solid understanding of XSL transformation concepts, syntax and applications. The second part of this tutorial (hands-on) gives every participant the chance to explore the power of XSL by transforming CDA documents into presentation formats such as XHTML for viewing in an Internet browser. On-site demonstrators are available for questions and help.

**This Tutorial Will Benefit:**
- HL7 implementers and consultants without prior knowledge of XML and XPath

**Upon Completion of This Tutorial, Students Will Know:**
- Concepts and techniques of XSL processing in a medical environment
- The XSL key standards: XSLT (Version 2.0) and XPath (Version 2.0)
- Other standards associated with XSL processing
- How to transform XML documents using XSL
- Applications needed to implement an XSL transformation environment

**Prerequisites:**
- Basic Knowledge of XML and XML Schema
- Basic Knowledge of XHTML is an advantage but are not essential
- Basic Knowledge of CDA semantics is an advantage but are not essential

**Faculty:**
- Benjamin Jung, Assistant Professor, Health Information Science University of Victoria

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### Tutorials (Continued)

**Prerequisites:**
- Basic understanding of UML models

**Faculty:**
- **Douglas B. Fridsma, MD, PhD:** Assistant Professor of Biomedical Informatics University of Pittsburgh University of Pittsburgh
- **Charlie Mead, MD, MSc:** RCRIM TC; Senior Associate, Global Health, Booz Allen Hamilton
- **Julie Evans:** RCRIM TC; Director, Technical Services, CDISC; CDISC Public Health Committee

#### Essentials of German for HL7’ers

**Wednesday, January 10 / 1:45 pm-3:30 pm**

This quarter day tutorial is intended to be a preparation for the May Working Group Meeting in Cologne, Germany. An overview of the German Language is given; the most important phrases and some cultural aspects will be highlighted.

This Tutorial Will Benefit:
- Anyone who wants to refresh his/her knowledge about or start with the German Language. It is not a complete language course but you will be able to start basic communications with the German natives.

Upon Completion of This Tutorial, Students Will Know:
- Basic phrases of the German Language
- How to pronounce German words
- Some cultural aspects of Germany in general and the Cologne area in particular
- Practical things to know while in Germany

**Prerequisites:**
- Willingness to speak in a foreign language

**Tools Needed:**
- Pencil for your own notes

**Faculty:**
- **Kai Heitmann, MD:** HL7 Board of Directors, International Representative; HL7 Germany; University of Cologne (Germany), Heitmann Consulting & Services (The Netherlands)
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<td>Walker</td>
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<tr>
<td>Version 3 Msg Imp, Part 2: Implementation Mechanics</td>
<td>Th21</td>
<td>Ruggieri/Spronk</td>
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<tr>
<td>CDA Certification Test Preparation</td>
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<td>Beebe</td>
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<td>CDA Certification Test</td>
<td>Th27</td>
<td>Henderson</td>
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<td>5:30-7:30</td>
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### Track 3 – Special Topics

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<tr>
<th>Course</th>
<th>Class ID</th>
<th>Instructor</th>
<th>Sun PM</th>
<th>Mon AM</th>
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<tbody>
<tr>
<td>Introduction to Vocabulary</td>
<td>M2</td>
<td>Lynch/Klein</td>
<td>Q2</td>
<td>Q3</td>
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<tr>
<td>Terminfo and SNOMED CT</td>
<td>M4</td>
<td>Markwell</td>
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<td>Q4</td>
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<tr>
<td>Advanced CCOW</td>
<td>M5</td>
<td>Seliger</td>
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<td>Electronic Health Record</td>
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<td>Messaging Workbench: Advanced Applications</td>
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<tr>
<td>Version 3 Tools Overview: Message Dev. Tools</td>
<td>Th24</td>
<td>McKenzie/Beeler</td>
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### Track 4 – Related Standards

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<tr>
<th>Course</th>
<th>Class ID</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>HL7 &amp; HIPAA – Claims Attachment Rec.</td>
<td>T12</td>
<td>Ward</td>
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<tr>
<td>Processing HL7-XML with XSLT</td>
<td>Th25</td>
<td>Jung</td>
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### Information Forums

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<th>Course</th>
<th>Class ID</th>
<th>Instructor</th>
<th>Sun PM</th>
<th>Mon AM</th>
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<tbody>
<tr>
<td>First Time Attendee Orientation</td>
<td>F1/F3</td>
<td>Wilson-Ramone</td>
<td>5:00-5:45</td>
<td>7:00-7:45</td>
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<tr>
<td>HL7 Organization Process Forum</td>
<td>F2/F4</td>
<td>Wilson-Ramone</td>
<td>6:00-7:30</td>
<td>9:00-10:30</td>
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<tr>
<td>HDF Transition Plan – <strong>FREE TUTORIAL</strong></td>
<td>M3</td>
<td>Singuraru/Callier</td>
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<td>RCRIM Use of BRIDG as Domain Analysis Model – <strong>FREE TUTORIAL</strong></td>
<td>M6</td>
<td>Fridsma/Mead/Evans</td>
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<tr>
<td>Essentials of German for HL7’ers – <strong>FREE TUTORIAL</strong></td>
<td>W13</td>
<td>Heitmann</td>
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<td>Q3</td>
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Register Online Today! www.HL7.org
## REGISTRATION & TUTORIAL HANDOUT HOURS

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
<th>Handouts</th>
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</thead>
<tbody>
<tr>
<td>Sunday</td>
<td>3:00 – 6:00 pm</td>
<td>Registration &amp; Tutorial Handouts</td>
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<tr>
<td>Monday</td>
<td>7:00 – 5:00 pm</td>
<td>Registration &amp; Tutorial Handouts</td>
</tr>
<tr>
<td>Tuesday – Thursday</td>
<td>7:30 – 5:00 pm</td>
<td>Registration &amp; Tutorial Handouts</td>
</tr>
<tr>
<td>Friday</td>
<td>8:00 – 1:00 pm</td>
<td>Staff on Hand For Assistance</td>
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</tbody>
</table>

## MEALS AND BREAKS

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
<th>Meals and Breaks</th>
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</thead>
<tbody>
<tr>
<td>Monday – Friday</td>
<td>7:00 – 8:00 am</td>
<td>Continental Breakfast</td>
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<tr>
<td>Monday – Friday</td>
<td>10:30 – 11:00 am</td>
<td>Morning Break</td>
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<tr>
<td>Monday – Friday</td>
<td>12:30 – 1:30 pm</td>
<td>Lunch</td>
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<tr>
<td>Monday – Friday</td>
<td>3:00 – 3:30 pm</td>
<td>Afternoon Break</td>
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</tbody>
</table>

## OTHER MEETINGS

### AFFILIATES COUNCIL (Formerly International Affiliates Meeting)
- **Sunday** 9:00 – 5:00 pm: COMMITTEE MEETING
- **Tuesday** 12:30 – 1:30 pm: Working Lunch
- **Thursday** 12:30 – 1:30 pm: Lunch for Affiliate Chair or their designated Rep

### ARCHITECTURAL REVIEW BOARD (ARB)
- **Wednesday** 9:00 – 12:30 pm: COMMITTEE MEETING

### BOARD OF DIRECTORS’ MEETING
- **Tuesday** 3:30 – 10:00 pm: Meeting and Dinner

### EDUCATION COMMITTEE MEETING
- **Monday** 1:45 – 5:00 pm: COMMITTEE MEETING – to assign tutorials
- **Thursday** 1:45 – 3:00 pm: COMMITTEE MEETING

### ELECTRONIC SERVICES COMMITTEE
- **Wednesday** 1:45 – 5:00 pm: COMMITTEE MEETING

### FACILITATORS’ ROUNDTABLE
- **Sunday** 9:00 – 5:00 pm: Vocabulary Facilitator’s Roundtable
- **Thursday** 5:30 – 10:00 pm: MnM Facilitator’s Roundtable

### FIRST TIME ATTENDEES’ MEETINGS
- **Sunday** 5:00 – 5:45 pm: Orientation Meeting
- **Monday** 7:00 – 7:45 am: Orientation Meeting
- **Tuesday** 12:30 – 1:30 pm: Lunch Tables Reserved for QA
- **Tuesday** 12:30 – 1:30 pm: Lunch Tables Reserved for QA

### HL7/CEN/ISO MEETING
- **Sunday** 7:30 – 9:30 pm: Meeting

### HL7 NETWORKING RECEPTION
- **Wednesday** 5:15 – 6:15 pm

### HL7 TOOLING COLLABORATIVE MEETINGS
- **Sunday** 6:00 – 9:00 pm: Executive Board Meeting
- **Wednesday** 6:30 – 8:00 pm: Open Information and Demonstrations

### IMPLEMENTATION COMMITTEE
- **Tuesday** 11:00 – 3:00 pm: COMMITTEE MEETING
- **Wednesday** 1:45 – 3:00 pm: Joint w/Conformance

### GENERAL SESSION ROOM
- **Monday – Thursday** 8:00 – 8:30 am: Announcements (Wednesday meeting ends at 9:00 am)
- **Monday** 8:00 – 8:30 am: Announcements and International Affiliates Report
- **Tuesday** 8:00 – 8:30 am: Announcements and TSC Meeting Report
- **Wednesday** 8:00 – 9:00 am: Announcements
- **Thursday** 8:00 – 8:30 am: Sponsorship Awards & Membership Awards

### IMPLEMENTATION COMMITTEE/LUNCHEON (Formerly Early Adopter’s Meeting/Luncheon)
- **Tuesday** 12:30 – 1:30 pm: Luncheon Meeting – Attendees MUST sign up at time of registration

### MARKETING COMMITTEE MEETING
- **Thursday** 9:00 – 12:30 pm: COMMITTEE MEETING

### NATIONAL LIBRARY OF MEDICINE (NLM)
- **Sunday** 5:00 – 1:00 pm: HL7 Special Projects Meeting
- **Monday** 1:45 – 5:00 pm: COMMITTEE MEETING

### ‘OPEN SPACE’ MEETINGS
- **Monday – Wednesday** 6:00 – 9:00 pm: Open Forums - Self-organized (no audio visual)

### ORGANIZATION REVIEW COMMITTEE (ORC)
- **Monday** 12:30 – 1:30 pm: Luncheon Meeting

### OUTREACH COMMITTEE FOR CLINICAL RESEARCH (OCCR)
- **Tuesday** 7:00 – 8:00 am: COMMITTEE MEETING

### PROCESS IMPROVEMENT COMMITTEE (PIC)
- **Tuesday** 9:00 – 12:30 pm: COMMITTEE MEETING

### PUBLISHING COMMITTEE
- **Wednesday** 9:00 – 12:30 pm: V3 – Meeting
- **Thursday** 1:45 – 5:00 pm: V2 – Meeting

### TOOLING COMMITTEE
- **Tuesday** 9:00 – 10:30 am: COMMITTEE MEETING
- **Wednesday** 1:45 – 3:00 pm: Joint w/MnM
- **Thursday** 9:00 – 12:30 pm: COMMITTEE MEETING

### TSC CO-CHAIR MEETINGS
- **Monday – Wednesday** 12:30 – 1:30 pm: Lunch tables reserved for Co-Chairs
- **Monday** 5:30 – 10:00 pm: Dinner/Meeting
- **Thursday** 7:00 – 7:45 am: Newly elected Co-Chair Training

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<table>
<thead>
<tr>
<th>TECHNICAL COMMITTEE (TC) AND SPECIAL INTEREST GROUP (SIG) MEETINGS</th>
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<tbody>
<tr>
<td><strong>ANATOMIC PATHOLOGY (AP)</strong></td>
</tr>
<tr>
<td>Tuesday 3:30 – 5:00 pm Joint w/O&amp;O</td>
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<tr>
<td><strong>ANESTHESIOLOGY SIG (GAS)</strong></td>
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<tr>
<td>Tuesday 9:00 – 5:00 pm</td>
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<tr>
<td><strong>ARDEN SYNTAX SIG (AS)</strong></td>
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<td>Tuesday 9:00 – 5:00 pm</td>
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<td><strong>ATTACHMENTS SIG</strong></td>
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<td>Monday 11:00 – 5:00 pm</td>
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<td>Tuesday - Wednesday 9:00 – 5:00 pm</td>
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<td>Thursday 9:00 – 12:30 pm</td>
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<td><strong>CARDIOLOGY SIG (Card)</strong></td>
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<td>Wednesday 1:45 – 5:00 pm</td>
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<td>Thursday 9:00 – 5:00 pm</td>
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<td><strong>CCOW TC</strong></td>
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<td>Tuesday – Wednesday 9:00 – 5:00 pm</td>
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<td>Thursday 9:00 – 5:00 pm</td>
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<tr>
<td><strong>CLINICAL DECISION SUPPORT TC (CDS)</strong></td>
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<tr>
<td>Tuesday 11:00 – 12:30 pm Joint w/O&amp;O, PC</td>
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<tr>
<td>Wednesday 9:00 – 12:30 pm Joint w/O&amp;O, PC</td>
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<tr>
<td>1:45 – 5:00 pm Joint w/PC, Pharm, PS</td>
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<td><strong>CLINICAL GENOMICS SIG (Clin Gen)</strong></td>
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<tr>
<td>Tuesday 3:30 – 5:00 pm Joint w/RCRIM, PS</td>
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<td>Wednesday 9:00 – 12:30 pm Joint w/O&amp;O</td>
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<td>1:45 – 3:00 pm Joint w/RCRIM</td>
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<td><strong>CLINICAL GUIDELINES SIG (CG)</strong></td>
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<td><strong>COMMUNITY BASED COLLABORATIVE CARE SIG (CBCC)</strong></td>
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<td>Wednesday 9:00 – 10:30 am Joint w/O&amp;O</td>
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<td>1:45 – 5:00 pm Joint w/RCRIM</td>
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<td>Tuesday 1:45 – 5:00 pm Joint w/RCRIM</td>
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<td><strong>CONFORMANCE SIG (CONF)</strong></td>
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<td>Monday 11:00 – 3:00 pm</td>
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### LABORATORY SIG (Lab)
- **Monday**: 11:00 – 5:00 pm COMMITTEE MEETING
- **Tuesday**: 9:00 – 10:30 am Joint w/O&O, Pharm
  11:00 – 5:00 pm COMMITTEE MEETING
- **Wednesday**: 9:00 – 10:30 am COMMITTEE MEETING
  11:00 – 12:30 pm Joint w/O&O
- **Thursday**: 9:00 – 5:00 pm COMMITTEE MEETING
- **Friday**: 9:00 – 12:30 pm COMMITTEE MEETING

### MODELING & METHODOLOGY TC (MnM)
- **Sunday**: 1:45 – 9:00 pm COMMITTEE MEETING
- **Monday**: 11:00 – 12:30 pm COMMITTEE MEETING
  1:45 – 3:00 pm Hosting: InM
  3:30 – 5:00 pm Hosting: Templates
- **Tuesday**: 9:00 – 10:30 am Hosting: PA, PC
  11:00 – 12:30 pm Hosting: CDS, PC
  1:45 – 3:00 pm Hosting: PS, Pharm, PHER
  3:30 – 5:00 pm Hosting: AP
- **Wednesday**: 9:00 – 12:30 pm Hosting: Voc
  1:45 – 3:00 pm Hosting: Tooling
  3:30 – 5:00 pm COMMITTEE MEETING
- **Thursday**: 9:00 – 5:00 pm COMMITTEE MEETING
- **Friday**: 9:00 – 12:30 pm COMMITTEE MEETING

### ORDERS & OBSERVATIONS TC (O&O)
- **Monday**: 11:00 – 3:00 pm COMMITTEE MEETING
  3:30 – 5:00 pm Hosting: PC
- **Tuesday**: 9:00 – 10:30 am Hosting: Lab, Pharm
  11:00 – 12:30 pm Hosting: CDS, PC
  1:45 – 3:00 pm Hosting: PS, Pharm, PHER
  3:30 – 5:00 pm Hosting: AP
- **Wednesday**: 9:00 – 10:30 am Hosting: HCD
  11:00 – 12:30 pm Hosting: Lab
  1:45 – 3:00 pm Hosting: Clin Gen
  3:30 – 5:00 pm Hosting: II
- **Thursday**: 9:00 – 10:30 am Hosting: II
  11:00 – 12:30 pm Hosting: Pharm
  1:45 – 5:00 pm Hosting: PC, SD
- **Friday**: 9:00 – 12:30 pm COMMITTEE MEETING

### PATIENT ADMINISTRATION TC (PA)
- **Monday**: 11:00 – 5:00 pm COMMITTEE MEETING
- **Tuesday**: 9:00 – 10:30 am Joint w/MnM, PC
  11:00 – 5:00 pm COMMITTEE MEETING
- **Wednesday – Thursday**: 9:00 – 5:00 pm COMMITTEE MEETING

### PATIENT CARE TC (PC)
- **Monday**: 1:45 – 3:00 pm Hosting: Templates
  3:30 – 5:00 pm Joint w/O&O
- **Tuesday**: 9:00 – 10:30 am Joint w/MnM, PA
  11:00 – 12:30 pm Joint w/O&O, CDS
  1:45 – 3:00 pm Hosting: CBCC
  3:30 – 5:00 pm COMMITTEE MEETING
- **Wednesday**: 9:00 – 12:30 pm COMMITTEE MEETING
  1:45 – 5:00 pm Hosting: Pharm, CDS, PS
- **Thursday**: 9:00 – 12:30 pm COMMITTEE MEETING
  1:45 – 5:00 pm Joint w/O&O, SD

### PATIENT SAFETY SIG (PS)
- **Monday**: 11:00 – 12:30 pm COMMITTEE MEETING
- **Tuesday**: 9:00 – 10:30 am Joint w/O&O, Pharm
  1:45 – 3:00 pm Hosting: Pharm
  3:30 – 5:00 pm COMMITTEE MEETING
- **Wednesday**: 9:00 – 12:30 pm COMMITTEE MEETING
- **Thursday**: 9:00 – 12:30 pm COMMITTEE MEETING
- **Friday**: 9:00 – 5:00 pm COMMITTEE MEETING

### PEDIATRIC DATA STANDARDS SIG (PDS)
- **Monday**: 3:30 – 5:00 pm COMMITTEE MEETING
- **Tuesday**: 9:00 – 10:30 am COMMITTEE MEETING
  11:00 – 12:30 pm Joint w/EHR
- **Wednesday**: 9:00 – 10:30 am Joint w/O&O, Lab
  11:00 – 12:30 am COMMITTEE MEETING
  1:45 – 3:00 pm Joint w/O&O, PS, PHARM
  3:30 – 5:00 pm COMMITTEE MEETING
- **Thursday**: 9:00 – 10:30 am Joint w/O&O
  11:00 – 12:30 pm Joint w/O&O, CDS, PS
  1:45 – 5:00 pm COMMITTEE MEETING
- **Friday**: 9:00 – 5:00 pm COMMITTEE MEETING

### PHARMACY SIG (PHARM)
- **Monday**: 11:00 – 5:00 pm COMMITTEE MEETING
- **Tuesday**: 9:00 – 10:30 am Joint w/O&O, Lab
  11:00 – 12:30 am COMMITTEE MEETING
  1:45 – 3:00 pm Joint w/O&O, PS, PHARM
  3:30 – 5:00 pm COMMITTEE MEETING
- **Wednesday**: 1:45 – 5:00 pm Joint w/PC, CDS, PS
- **Thursday**: 9:00 – 10:30 am Joint w/PC
  11:00 – 12:30 pm Joint w/O&O
  1:45 – 5:00 pm COMMITTEE MEETING
- **Friday**: 9:00 – 5:00 pm COMMITTEE MEETING

### PUBLIC HEALTH EMERGENCY RESPONSE SIG (PHER)
- **Monday**: 11:00 – 12:30 pm COMMITTEE MEETING
  1:45 – 3:00 pm Joint w/PS
  3:30 – 5:00 pm COMMITTEE MEETING
- **Tuesday**: 9:00 – 10:30 am Joint w/RCRIM, PS
  11:00 – 12:30 pm Joint w/RCRIM, PS
  1:45 – 3:00 pm Joint w/O&O, Pharm, PHER
  3:30 – 5:00 pm Joint w/RCRIM, Clin Gen
- **Wednesday – Thursday**: 9:00 – 5:00 pm COMMITTEE MEETING
- **Friday**: 9:00 – 12:30 pm COMMITTEE MEETING

### REGULATED CLINICAL RESEARCH INFORMATION MANAGEMENT TC (RCRIM)
- **Monday**: 1:45 – 5:00 pm COMMITTEE MEETING
- **Tuesday**: 9:00 – 10:30 am COMMITTEE MEETING
  11:00 – 12:30 pm Hosting: Pharm, PS
  1:45 – 3:00 pm COMMITTEE MEETING
  3:30 – 5:00 pm Hosting: PS, Clin Gen
- **Wednesday**: 9:00 – 10:30 am Joint w/RCRIM, PS
  11:00 – 12:30 pm Joint w/RCRIM, PS, Pharm
  3:30 – 5:00 pm Joint w/RCRIM, Clin Gen
- **Thursday**: 9:00 – 12:30 pm COMMITTEE MEETING

### SCHEDULING & LOGISTICS TC (SL)
- **Tuesday – Thursday**: 9:00 – 5:00 pm COMMITTEE MEETING
HL7 Working Group Meetings

SECURITY TC (Sec)
Tuesday 9:00 – 5:00 pm COMMITTEE MEETING
Thursday 9:00 – 5:00 pm COMMITTEE MEETING

SERVICES ORIENTED ARCHITECTURE (SOA)
Monday 1:45 – 5:00 pm COMMITTEE MEETING
Tuesday 9:00 – 12:30 pm COMMITTEE MEETING
  1:45 – 3:00 pm Joint w/InM
  3:30 – 5:00 pm COMMITTEE MEETING
Wednesday – Thursday 9:00 – 5:00 pm COMMITTEE MEETING

STRUCTURED DOCUMENTS TC (SD)
Monday 11:00 – 5:00 pm COMMITTEE MEETING
Tuesday 9:00 – 10:30 am Joint w/EHR
  11:00 – 12:30 pm Joint w/II
  1:45 – 3:00 pm COMMITTEE MEETING
  3:30 – 5:00 pm Joint w/InM
Wednesday 9:00 – 12:30 pm COMMITTEE MEETING
Thursday 9:00 – 12:30 pm COMMITTEE MEETING
1:45 – 5:00 pm Joint w/InM, PC

TEMPLATES SIG
Monday 11:00 – 12:30 pm COMMITTEE MEETING
  1:45 – 3:00 pm Joint w/PC
  3:30 – 5:00 pm Joint w/MnM

VOCABULARY TC (Voc)
Sunday 9:00 – 5:00 pm Facilitators Roundtable
Monday 11:00 – 5:00 pm COMMITTEE MEETING
Tuesday 9:00 – 5:00 pm COMMITTEE MEETING
  3:30 – 5:00 pm Joint w/InM
Wednesday 9:00 – 12:30 pm Joint w/MnM
  3:30 – 5:00 pm Joint w/InM
Thursday 9:00 – 10:30 am Hosting: Pharm
11:00 – 3:00 pm COMMITTEE MEETING
  3:30 – 5:00 pm Hosting: Conf
Friday 9:00 – 5:00 pm COMMITTEE MEETING

XML SIG
Monday 11:00 – 12:30 pm COMMITTEE MEETING
Tuesday 9:00 – 5:00 pm COMMITTEE MEETING
Thursday 9:00 – 10:30 am Joint w/InM

Thursday, January 11 • 5:30 – 7:30 pm

CDA Release 2.0 Certification Testing

Health Level Seven is pleased to offer certification testing on HL7 CDA Release 2.0.

Certification testing is offered to those participants who want to demonstrate that they have a working knowledge of the CDA Release 2.0 standard. Healthcare systems analysts, medical software programmers, and medical informatics faculty and students are all potential candidates.

The knowledge required to pass the exam can be obtained by attending HL7 education sessions, by field work dealing with HL7 CDA based applications, or simply by self-study of the HL7 CDA Release 2.0 Standard. Please refer to the Study Guide on the HL7 Training and Certification page for details on the content covered by the test.

You can pre-register for the test by checking the appropriate box on the meeting registration form on pages 20-22, or sign up on the HL7 Web site (www.HL7.org).
“Early Bird” Rate Deadline

Advance meeting registration, including payment, is required by December 4, 2006 to receive the discounted rates. Otherwise the full fee structure will apply. Consult the registration form (pages 20-22) for a schedule of meeting fees.

To Register

Please complete the registration form on pages 20-22 and mail it (along with a check payable to Health Level Seven in U.S. funds ONLY) to:

Health Level Seven
3300 Washtenaw Ave., Suite #227
Ann Arbor, MI 48104
USA

If paying by credit card, the registration may be faxed to:

(+1) (734) 677-3128.

Online registration is also available via our web site (www.HL7.org).

For your convenience, you can pay via a credit card directly from the site or print the registration form and mail it along with payment.

Advance registrations MUST include payment. No balance dues will be accepted and registrations received without payment will not be processed until the time that payment is received. Registrations received with payment by the Early Bird deadline will receive the early bird discount. Registrations where payment is not received by then will require the full registration fee. Advance registrations will be accepted until December 10, 2006. After that time, registrations can only be made on-site. All on-site registrations require payment in full at the time of registration.

Cancellation Policy

Prepaid registrants who cancel prior to the Early Bird deadline will receive a full refund minus a $50 processing fee. After that time, no refunds will be made.

Tutorial Cancellation

The tutorial schedule is subject to change. A tutorial may be cancelled if expected registration numbers are not met. If a tutorial is cancelled, pre-registrants will be notified via email. The registrant can select another tutorial at that time, or a full refund of the tutorial fee will be made. However, registration fees will not be refunded.

Dress

The dress code will be casual for all HL7 functions. Layered clothing is advised, as room temperatures vary.

Meals

Continental breakfasts, refreshment breaks and lunches are included in the meeting registration fee and will be provided for all registered attendees Monday through Friday. Vegetarian and diabetic meals are available upon request. You must register for each day’s lunch on your registration form in order to receive lunch tickets.

Air Travel

To make arrangements, attendees can call Conlin Travel at (800) 783-9559 or (754) 677-0900. Be sure to mention Health Level Seven when calling.

Ground Transportation and Parking

The Town and Country Resort is located in the heart of San Diego-Mission Valley, only seven miles from San Diego International Airport.

Shuttle service between the airport and the Town and Country Resort is available via Express Shuttles (1-800-900-753) at a cost of $9.50 per person each way and can be accessed at the terminal.

Taxi service is also available for approximately $20-25 one way.

Rental cars and transfers by limousine and bus are available from all major airports.

Reduced parking of $6 per day with in and out privileges for hotel guests and $3 per hour not to exceed $12 per day for local drive-in attendees.

Avis Rent-A-Car

HL7 has secured special rates from Avis for this meeting. To take advantage of these rates, please call Avis at (800) 331-1600, identify yourself as being with the Health Level Seven Group and provide the following Avis Meeting Rate Discount Number: D188914. The attendee must use the assigned meeting rate discount number and meet Avis rental requirements to receive the discount. Rates are available one week before and one week after the dates of the meeting. Should a lower qualifying rate become available, Avis will offer a five percent discount on that rate.

Hotel Information

HL7’s January Working Group Meeting will be held at the Town and Country Resort.

Town & Country Resort Hotel
500 Hotel Circle North
San Diego, CA 92108
www.towncountry.com
Phone: (+1) (800) 772-8527

To reserve your room, the hotel has set up a special website registration process just for HL7 attendees. HL7 attendees should log on to: https://resweb.passkey.com/resweb.do?mode/welcome_ei_new&eventID=43737 and simply follow the reservation instructions.

Please note the group rate rooms are run of the house, which means the room type is based on the best available at check in, not prior to arrival. You will see the room type on the registration form, but it is only a request. Requests will be noted and based on availability. Alternatively, you can call the hotel direct at (+1) (800) 772-8527 or (+1) (619) 291-7131 and ask for reservations. Be sure to mention Health Level Seven to receive the discounted room rate of $145 per night single or $155 double occupancy. Remember, space is limited, so reserve your room early. Discounted room rates are available only on reservations made before December 10, 2006. Room rates are subject to all applicable state and local taxes in effect at time of check in.

If you need to cancel your room reservation, please do so seven (7) days prior to your arrival date. If you cancel within the seven days, you will be charged one night reservation fee.

Please Book Your Room at the HL7 Meeting Hotel

HL7 urges all meeting attendees to secure your hotel reservations at the HL7 Working Group Meeting Host Hotel. The hotel has been contracted to provide the best rate and service to our HL7 meeting attendees, including the vast number of meeting rooms that HL7 uses. In order to secure the required meeting space, HL7 has a contractual obligation to fill our sleeping room block. If you make reservations at a different hotel, HL7 risks losing that block, which translates to HL7 paying additional costs (penalties) to the hotel. Should this occur, HL7 will likely be forced to pass these costs onto our attendees through increased meeting registration fees. Therefore, to help avoid such fee increases, we urge you to book your hotel room at our host hotel. Thank you!
End of day on December 4, 2006 is the deadline for discounted fees. Hotel reservations and all advanced registrations must be received by end of day on December 10, 2006. After this date, registrations can ONLY be made on-site with payment.

1. Contact Information

Last Name_______________________________________________First Name ______________________________________________________
Title/Position _____________________________________________ Organization _____________________________________________________
Address _________________________________________________City ______________________________ State ________ Zip ___________
Country_________________________________________________ Telephone__________________________ Fax _________________________
E-Mail __________________________________________________Nickname for Badge _______________________________________________
Are you a member within the last 30 days? ______________________Emergency Contact ________________________________________________

2. Survey & Information

I am a/an: □ Voting Board Member of HL7, Inc. □ International Affiliate Chair □ HL7 TC/SIG Co-Chair
□ Tutorial Speaker □ First Time WGM Attendee □ Early Adopter
□ Facilitator - Vocabulary □ Facilitator - MnM □ Facilitator - Publishing

□ If you require special assistance, please indicate: ___________________________________________________________________________________
_________________________________________________________________________________________________________________________

□ I am a member of an HL7 International Affiliate, employee of an HL7 organizational member or member of another eligible organization (ADA, ASTM, IEEE, IHE, CDISC, DICOM, EHI, Medbiqutious, CEN, OMG, NCPDP, SNOMED, OR X12N) and eligible for the member rate. Please list affiliate or organization: __________

□ I am an approved participant in the student program and eligible to receive □ Discounted fees □ Waived fees (appropriate forms have been completed and sent to HL7). I understand the deadline for this is always the same as the Early Bird registration deadline.

University attending:_______________________________________________________________Student # _________________________________
Meal Requirements: □ Vegetarian □ Regular □ Diabetic

Please indicate if you plan to attend any of these functions:

□ Affiliates Council (Formerly International Affiliates Meeting) (Sunday) □ HL7 Board of Directors’ Dinner (Tuesday)
□ TSC Dinner Meeting (Monday) □ HL7 Networking Reception (Wednesday evening)
□ ORC Lunch (Monday) □ Chair of International Affiliate or Designee Lunch (Thursday)
□ Early Adopters Lunch (Tuesday)

Deadline for Discounted Rates: Payment must be received by December 4, 2006 to qualify for the “early bird” rate. The full fee structure applies to all other registrations where payment is received after this date.

Cancellation/Refund Policy: Prepaid registrants who cancel prior to the Early Bird deadline will receive a full refund, less a $50 processing fee. After this date, no refunds will be given for ANY reason.

Mail/Overnight
Health Level Seven
3300 Washtenaw Ave., Suite 227
Ann Arbor, MI 48108
USA

Fax (+1) 734-677-3128

Online www.HL7.org

Registrations sent by mail or fax will not be processed until payment is received. The “Early Bird” rate will not apply if payment is received after the cutoff date.

Registration Questions: Please call (+1) 734-677-3126 or e-mail reginfo@HL7.org. You will receive confirmation of registration by mail. If you have not received a confirmation of registration within two weeks after registration, please call HL7 Registration at (+1) 734-677-3126. Please bring your confirmation materials to the meeting with you.
3. Registration and Tutorial Fees:

You must register for either the ALL WEEK OPTION or the DAILY FEE in addition to any tutorials that you attend.

**Sunday Meeting Fee:**
(This fee must be included if you will be attending any of the Sunday meetings. This fee is in addition to the Monday-Friday option fee. This fee does not apply to those attending the First Time Attendee Orientation or the HL7 Organizational and Process Forum.)

<table>
<thead>
<tr>
<th></th>
<th>MEMBERS Before 12/4</th>
<th>MEMBERS After 12/4</th>
<th>NON-MEMBERS Before 12/4</th>
<th>NON-MEMBERS After 12/4</th>
<th>AMOUNT DUE</th>
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**Monday – Friday Option:**
Please register me for the entire week: (Please note that the Monday-Friday Option does not include the cost of tutorials. Please register separately for any tutorials you would like to attend.)

**Per Day Fees:**
Please register me for the following days: (Please note that daily fees do not include the cost of tutorials. Please register separately for any tutorials you would like to attend.)

-  □ Monday
-  □ Tuesday
-  □ Wednesday
-  □ Thursday
-  □ Friday

**Tutorial Fees:** Please register me for the following tutorials: (Please note that you must also register for the days you are taking tutorials.)

**MONDAY**
-  □ First-Time Attendee Orientation Session (F3) (No Charge)
-  □ HL7 Organization and Process Forum (F2) (No Charge)

**TUESDAY**
-  □ HL7 Organization and Process Forum (F4) (No Charge)

**SUNDAY**
-  □ First-Time Attendee Orientation Session (F1) (No Charge)
-  □ HL7 Organization and Process Forum (F2) (No Charge)

**Afternoon Sessions**
-  □ Termino and SNOMED CT (M4)
-  □ Advanced CCOW (M5)

**Information Forum**
-  □ HDF Transition Plan – FREE TUTORIAL (M3) – Must sign up to attend this tutorial (Please check the box.)

**TUESDAY**
-  □ HL7 Organization and Process Forum (F4) (No Charge)

**Morning Sessions**
-  □ Introduction to Version 2, Part 1 (T7)

**Track 2 – Version 3 Core**
-  □ Clinical Statements (M1) (Tutorial meets Q2 & Q3)

**Track 3 – Special Topics**
-  □ Introduction to Vocabulary (M2) (Tutorial meets Q2 & Q3)

**Information Forum**
-  □ RCRIM Use of BRIDG as a Domain Analysis Model – FREE TUTORIAL (M6) – Must sign up to attend this tutorial (Please check the box.)
### Afternoon Sessions

<table>
<thead>
<tr>
<th>Track 1 – Version 2 Core</th>
<th>MEMBERS</th>
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<tr>
<td>■ Introduction to Version 2, Part 2 (T10)</td>
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<td>Track 2 – Version 3 Core</td>
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<td>■ Introduction to Version 3, Part 2: Messaging (T11)</td>
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<tr>
<td>Track 4 – Related Standards</td>
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<td>■ HL7 and HIPAA – The Claims Attachment Recommendation (T12)</td>
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### WEDNESDAY

#### Morning Sessions

**Information Forum** W13 Time has changed from Q2 to Q3.
- Essentials of German for HL7’ers—FREE TUTORIAL (W13) — Must sign up to attend this tutorial (Please check the box.)

### Afternoon Sessions

<table>
<thead>
<tr>
<th>Track 2 – Version 3</th>
<th>MEMBERS</th>
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<tbody>
<tr>
<td>■ Version 3 Message Wrappers &amp; Transport (Th23)</td>
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<tr>
<td>■ CDA Advanced (W18)</td>
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<tr>
<td>■ Version 3 Message Impl, Part 1: Analysis &amp; Specs (W19)</td>
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### THURSDAY

#### Morning Sessions

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<tr>
<th>Track 1 – Version 2 Core</th>
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<tbody>
<tr>
<td>■ Version 2 Message Profiles &amp; Conformance (Th20)</td>
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<tr>
<td>Track 2 – Version 3 Core</td>
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<tr>
<td>■ Version 3 Msg Impl, Part 2: Implementation Mechanics (Th21)</td>
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<tr>
<td>■ CDA Certification Test Preparation (Th22)</td>
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#### Afternoon Sessions

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<tr>
<th>Track 3 – HL7 Special Topics</th>
<th>MEMBERS</th>
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<tbody>
<tr>
<td>■ Messaging Workbench Advanced – CANCELLED (Th23)</td>
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<tr>
<td>■ Version 3 Tools Overview: Message Development Tools (Th24)</td>
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<tr>
<td>Track 4 – Related Standards</td>
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<tr>
<td>■ Processing XML with XSLT Formal Constraint Modeling (Th25)</td>
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#### Evening Session

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<tr>
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<tr>
<td>■ Version 2.5 Certification Test (Th26)</td>
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<tr>
<td>Track 2 – Version 3 Core</td>
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### 4. Payment Information

Payment must be included in order to process your registration.

**Method of Payment (U.S. Dollars, Drawn on U.S. Bank Only)**

- Check (Please make payable to: Health Level Seven, Inc.)
- Credit Card: Visa Master Card American Express Diner’s Club

**Number ___________________________**

**Expiration Date ___________________________**

**Name on Card ___________________________**

**Signature ___________________________**
Co-Chair Elections
The following HL7 Technical Committees and Special Interest Groups will conduct co-chair elections at this Working Group Meeting:

- Anesthesiology SIG—electing one co-chair
- Clinical Genomics SIG—electing two co-chairs
- Electronic Health Records (EHR) TC—electing three co-chairs
- Healthcare Devices SIG—electing one co-chair
- Infrastructure & Messaging TC—electing two co-chairs
- Modeling & Methodology TC—electing one co-chair
- Orders & Observations TC—electing two co-chairs
- Patient Administration TC—electing one co-chair
- Patient Care TC—electing one co-chair
- Patient Safety SIG—electing two co-chairs
- Pediatric Data Standards SIG—electing one co-chair
- Process Improvement Committee—electing one co-chair
- Regulated Clinical Research Information Management TC—electing one co-chair
- Structured Documents TC—electing one co-chair
- Vocabulary TC—electing one co-chair
- XML SIG—electing one co-chair

Register Online!
It’s quick, easy, and convenient…
www.HL7.org

For more information, please contact the HL7 Registration Center at:
(+1) (734) 677-3126 or email: reginfo@HL7.org
n Southern California’s sun-drenched coast you will discover the city that will steal your heart — San Diego. Where blue skies keep watch on 70 miles of beaches and a gentle Mediterranean climate begs for a day of everything and nothing.

And in the center of it all is the Town and Country Resort — the location of the HL7 Working Group Meeting from January 7-12. From this central location, sandy beaches that stretch for miles along the Pacific are just minutes away, as are SeaWorld Adventure Park, the San Diego Zoo and the sparkling Mission Bay Aquatic Park. And to the North are Legoland California and the Wild Animal Park.

Part of San Diego’s inviting appeal is its ideal year-round weather. In fact, the National Weather Service describes San Diego’s climate as being the most ideal in the country, with an average daily temperature of 71 degrees and 350 sunny days per year. Though San Diego is known for its near perfect climate and world-renowned attractions, it is also a city with character — rich in the arts and culture and steeped in history. In addition to a nationally recognized theater, San Diego boasts the largest concentration of museums west of the Mississippi. San Diego’s Spanish influence is apparent throughout the city from the many enchanting mission-style buildings to the birthplace of San Diego — Old Town State Park, where the history of California began.

Adjacent to the Town and Country Resort, you’ll find world-class shopping, diverse dining, entertainment and easy access to San Diego’s light-rail trolley system. Board the San Diego Trolley, which stops on property, for convenient transportation downtown to the San Diego Convention Center, historic Gaslamp Quarter, Seaport Village and Old Town State Park, or ride the rail south to the border at Tijuana, Mexico.

San Diego is a haven for golf and aquatic activities with over 65 miles of sandy beaches and over 50 championship golf courses. The Town and Country Resort is centrally located in beautiful Mission Valley and is endearingly referred to as being “10 minutes from everywhere.”

(Excerpts compliments of the Town and Country Resort & Convention Center.)

CERTIFICATION TESTING

Thursday, January 11 • 5:30-7:30 pm

Health Level Seven is pleased to offer certification testing on HL7 V2.5 Chapter 2: Control.

Certification testing is offered to those industry participants who are expected to have a working knowledge of the HL7 Messaging Standard. Interface analysts, healthcare systems analysts, medical software programmers, and medical informatics faculty and students are all potential candidates.

The knowledge required to pass the exam can be obtained by participation in the HL7 working group meetings, by attending HL7 education sessions, by field work dealing with HL7 interfaces, or simply by self-study of the HL7 Standard V2.5 Chapter 2: Control.

You can pre-register for the test by checking the appropriate box on the meeting registration form on pages 22-23, or sign up on the HL7 web site (www.HL7.org).