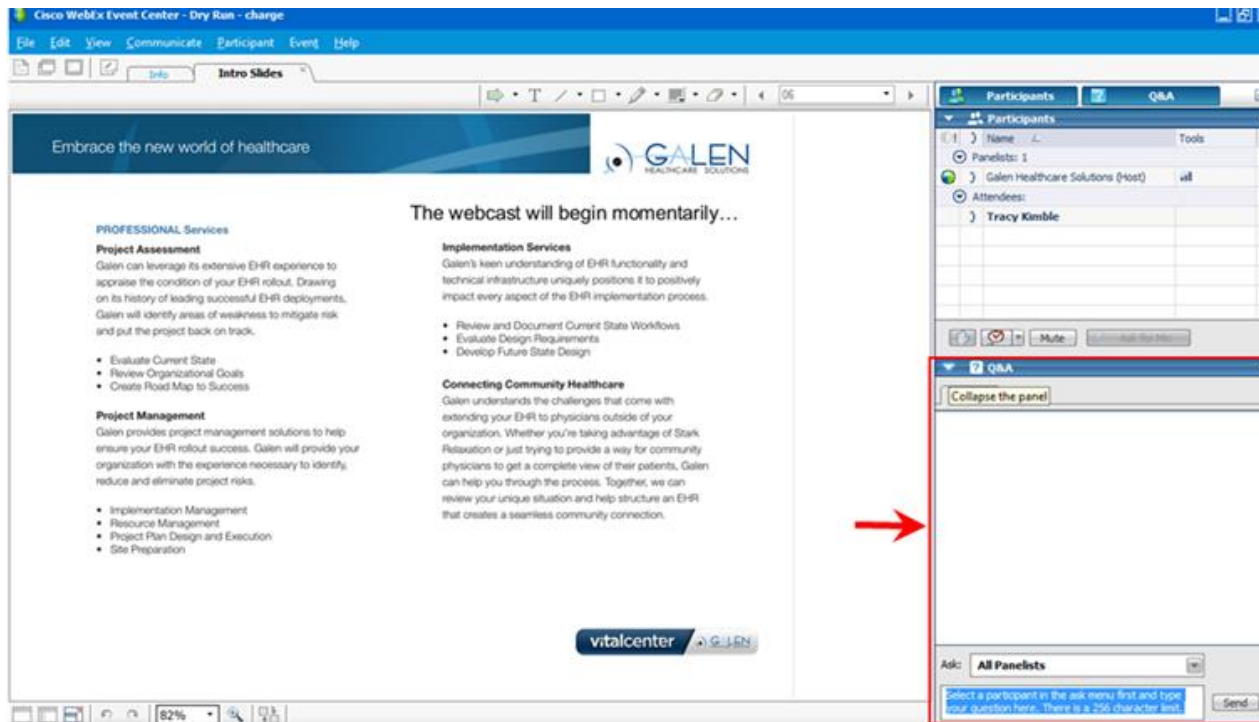


Public Webcast – Advanced Queries: Document Reporting

Fallon Hartford
December 4, 2013

Your phone has been automatically muted. Please use the Q&A panel to ask questions during the presentation!



The screenshot shows a Cisco WebEx Event Center window titled "Cisco WebEx Event Center - Dry Run - charge". The main content area displays a presentation slide with the following text:

Embrace the new world of healthcare

PROFESSIONAL Services

Project Assessment
Galen can leverage its extensive EHR experience to appraise the condition of your EHR rollout. Drawing on its history of leading successful EHR deployments, Galen will identify areas of weakness to mitigate risk and put the project back on track.

- Evaluate Current State
- Review Organizational Goals
- Create Road Map to Success

Project Management
Galen provides project management solutions to help ensure your EHR rollout success. Galen will provide your organization with the experience necessary to identify, reduce and eliminate project risks.

- Implementation Management
- Resource Management
- Project Plan Design and Execution
- Site Preparation

Implementation Services
Galen's keen understanding of EHR functionality and technical infrastructure uniquely positions it to positively impact every aspect of the EHR implementation process.

- Review and Document Current State Workflows
- Evaluate Design Requirements
- Develop Future State Design

Connecting Community Healthcare
Galen understands the challenges that come with extending your EHR to physicians outside of your organization. Whether you're taking advantage of Stark, Retention or just trying to provide a way for community physicians to get a complete view of their patients, Galen can help you through the process. Together, we can review your unique situation and help structure an EHR that creates a seamless community connection.

vitalcenter GALLEN

The webcast will begin momentarily...

Participants

Name	Tools
Panelists: 1	
Galen Healthcare Solutions (Host)	all
Attendees:	
Tracy Kimble	

Q&A

Collapse the panel

Ask: All Panelists

Select a participant in the ask menu first and type your question here. There is a 250 character limit.

Send

A red arrow points to the Q&A panel.

Agenda

- **Introductions**
- **Importance of Visit Notes**
- **Overview in the Application**
- **Document Tables in Works**
- **Warnings**
- **Queries in SQL**
- **Overview of NoteForm Reporting Product**

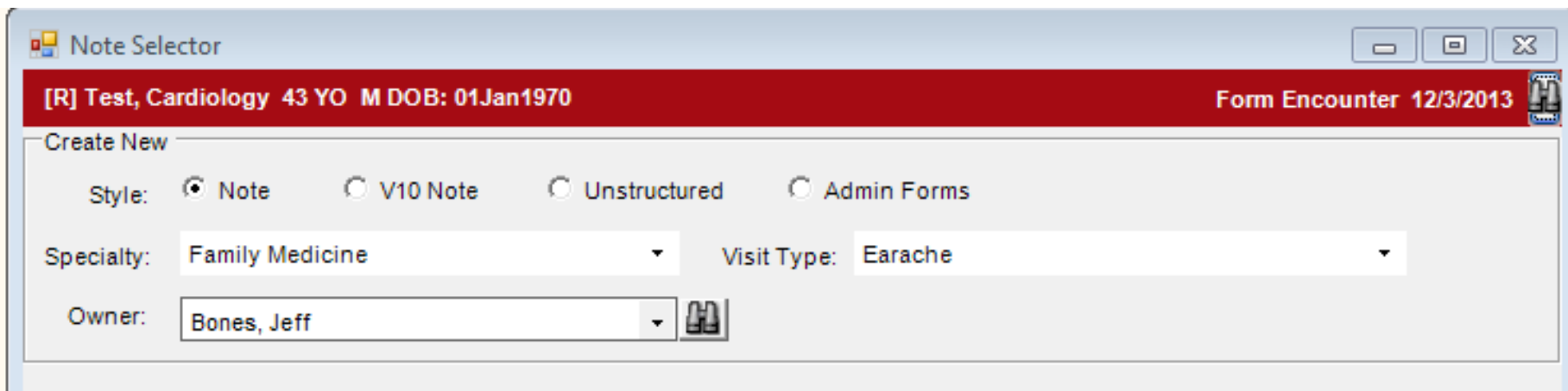
What is a Document?

- **Documents –**
 - Scanned images, forms, visit notes, etc.
- **Visit Note**
 - Legal Importance – Legal document for Providers
 - One for every encounter with a patient
 - Can not bill Medicare without note documentation

Visit Note Data Types

	V10 Notes	V11 Notes
How Data Stored	RTF	XML
Note Structure	Semi-Structured	Structured
Built-In Reporting Functionality	No	No
NoteForm Reporting	No	Yes

Overview of Application



The screenshot shows a software window titled "Note Selector". At the top, a red header bar contains the text "[R] Test, Cardiology 43 YO M DOB: 01Jan1970" on the left and "Form Encounter 12/3/2013" on the right. Below the header, the "Create New" section includes four radio buttons for "Note" (selected), "V10 Note", "Unstructured", and "Admin Forms". There are also three dropdown menus: "Specialty" set to "Family Medicine", "Visit Type" set to "Earache", and "Owner" set to "Bones, Jeff". A small icon is visible to the right of the "Owner" dropdown.

Documents / Notes

- **Document**
 - Primary notes table, including unstructured, v10 semi-structured and v11 notes. Also includes scanned image and Forms.
- **DocumentEvent**
 - Any events occurring on the note – viewing, signing, printing, editing, etc

Document Table in Works

- DocumentID - Primary Key for Document Table
- DocumentTypeDE - Note Type for Document
- PreviousVersionID - Previous ID of the Note
- NextVersionID - Next ID of the Note
- PhysicalManifestationDE – Form of the Document
- EIEDTTM - Date/Time Note Invalidated
- EIEID – ID of User who Invalidated the Note
- AuthorID – ID of the Author
- EncounterID – ID of the Encounter
- EditableChunkCompressed – Non Finalized Section of Note
- UneditableChunkCompressed – Finalized Section of Note

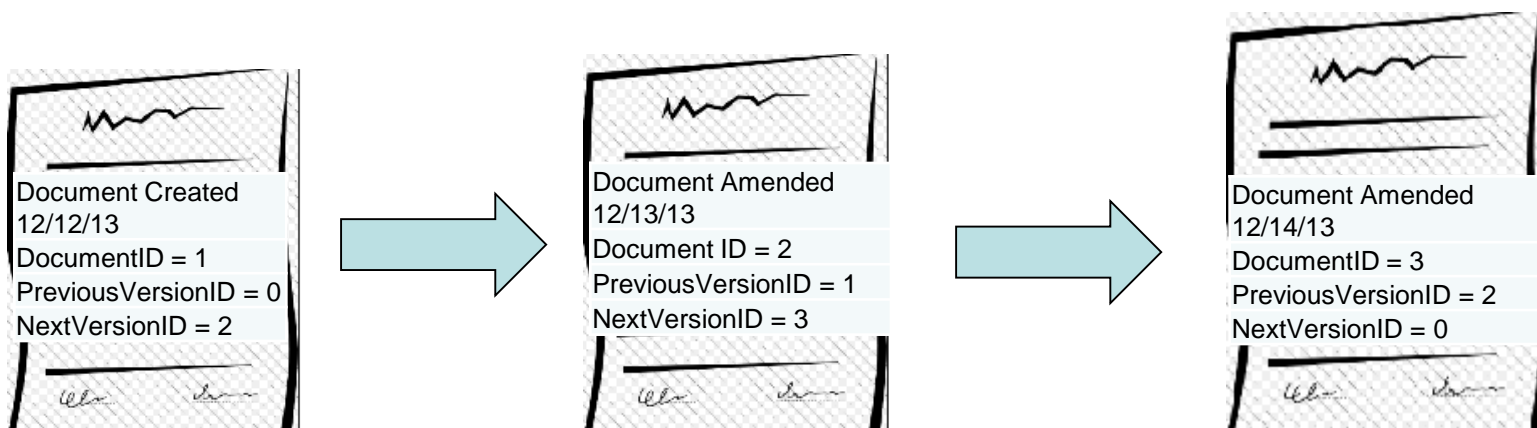
Document
<u>DocumentID</u>
EXTDocumentID
EXTSequenceID
DocumentTypeDE
NextAmendmentNumber
EditableChunk
UneditableChunk
RecordedDTTM
LastEditDTTM
VerifiedDTTM
EIEDTTM
PreviousVersionID
NextVersionID
AccessionNumber
Transcriptionist
TranscribedDTTM
DictatedDTTM
VerificationRequiredFLAG
BinaryChunk
Status
DictationSystemJobNo
Priority
TransactionDTTM
ServiceDTTM
AuthoredDTTM
InterfaceID
OriginatingDocumentID
EditableChunkCompressed
UnEditableChunkCompressed
SiteDE
EIEDE
VerifiedID
LastEditID
OwnerID
DocumentTypeDE
EncounterID

Dictionaries

- **Dictionary name + “_DE”**
 - Ex: Document_Type_DE
- **Linking: the “DE” column matches the dictionaries ID column.**
 - Document.DocumentTypeDE = Document_Type_DE.ID

How Data is Stored in dbo.Dictionary

- **NextVersionID and PreviousVersionID**



Be Careful!

- **The Allscripts database is Complex**
- **You can do harm, even by just running queries**
 - Use TEST, a Reporting Database, or Read-Only
 - [http://wiki.galenhealthcare.com/Reporting Database User Permissions](http://wiki.galenhealthcare.com/Reporting_Database_User_Permissions)
 - Run queries off-hours
- **Access**
 - Get permission from the IT/DBA group

What NOT To Do

- **Never . . .**
 - Access the database without proper approval
 - Delete data. Ever.
 - Run *anything* in production during the day
 - Share passwords, even “defaults” like IDXAdmin
 - Save patient data on your PC or in email
 - HIPAA concerns
 - Your company’s policies

Sample Queries

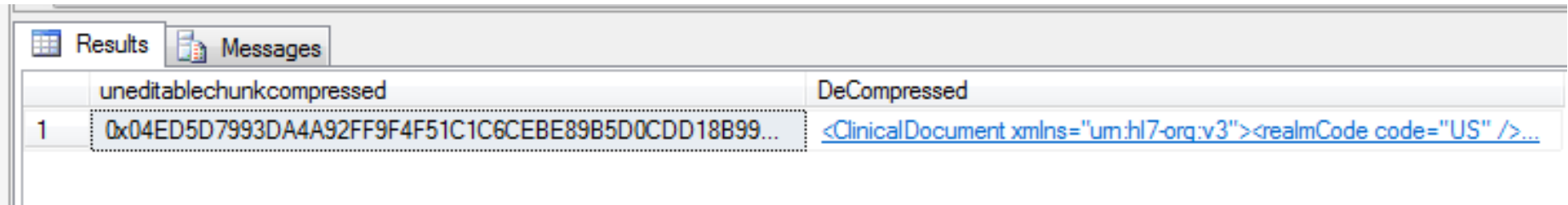
- **Show only most recent version of documents**
- **Show all finalized follow up notes for a particular patient**
- **Pull appointments without notes**

Useful Functions

SELECT TOP 10

Convert(XML,dbo.afnsqldecompress(uneditablechunkcompressed)) FROM
DOCUMENT

- Compressed field needs to be converted
- Converts to XML so field can be copy and pasted into Notepad



	uneditablechunkcompressed	DeCompressed
1	0x04ED5D7993DA4A92FF9F4F51C1C6CEBE89B5D0CDD18B99...	<ClinicalDocument xmlns="um:hl7-org:v3"><realmCode code="US" />...

Note Form Reporting Overview

- **Extracts v11 Note data into discrete normalized tables on reporting server**
- **Windows Service for data processing**
- **Supported on SQL Server 2005-2012**
- **Example:**
 - Count the number of earaches documented in the History of Present Illness Note

Galen Reporting Offerings

- **Custom Reports**
- **Custom Print Forms**
- **ETL and Analytics Reporting**
- **Training**
 - Allscripts DB
 - ETL DB
 - Analytics
 - Advanced Interface/ConnectR
 - Rhapsody Common Interface Engine

Thank you for joining us today, for additional assistance....

You can contact us through our website at www.galenhealthcare.com

