



# Healthcare Directory Technology Learning Center

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TLC Kickoff Meeting – August 12<sup>th</sup>, 2016 - 12:00-1:00 PM Eastern Time

Daniel Chaput, ONC – Rim Cothren, A Cuning Plan - Bob Dieterle - EnableCare, LLC

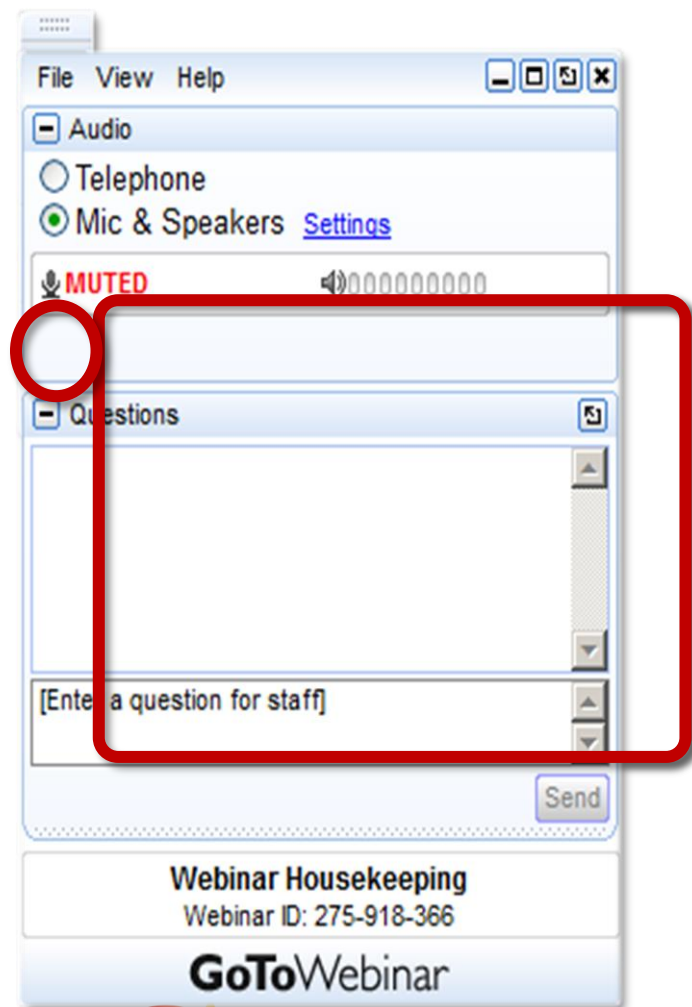


- This webinar is being recorded, if you object please disconnect now.
- The slides and recording will be available after the webinar.
- Please submit questions during the presentation via the chat function. For those of you who are not able to join the webinar today you can submit questions via email to [daniel.chaput@hhs.gov](mailto:daniel.chaput@hhs.gov)
- In addition, at the end of the presentation, we will provide an opportunity for participants to raise their hands to ask questions during the Q&A.

# How to submit or ask questions for the panel members?

## Submit or Ask Questions

- Submit your text question and comments using the Question Panel
- Please raise your hand to be unmuted for verbal questions.



# Introductions

- Daniel Chaput, Office of Standards and Technology, ONC
- Alex Kontur, Office of Programs and Engagement, ONC
- Rim Cothren, Contractor to ONC
- Bob Dieterle, Contractor to ONC and FHA

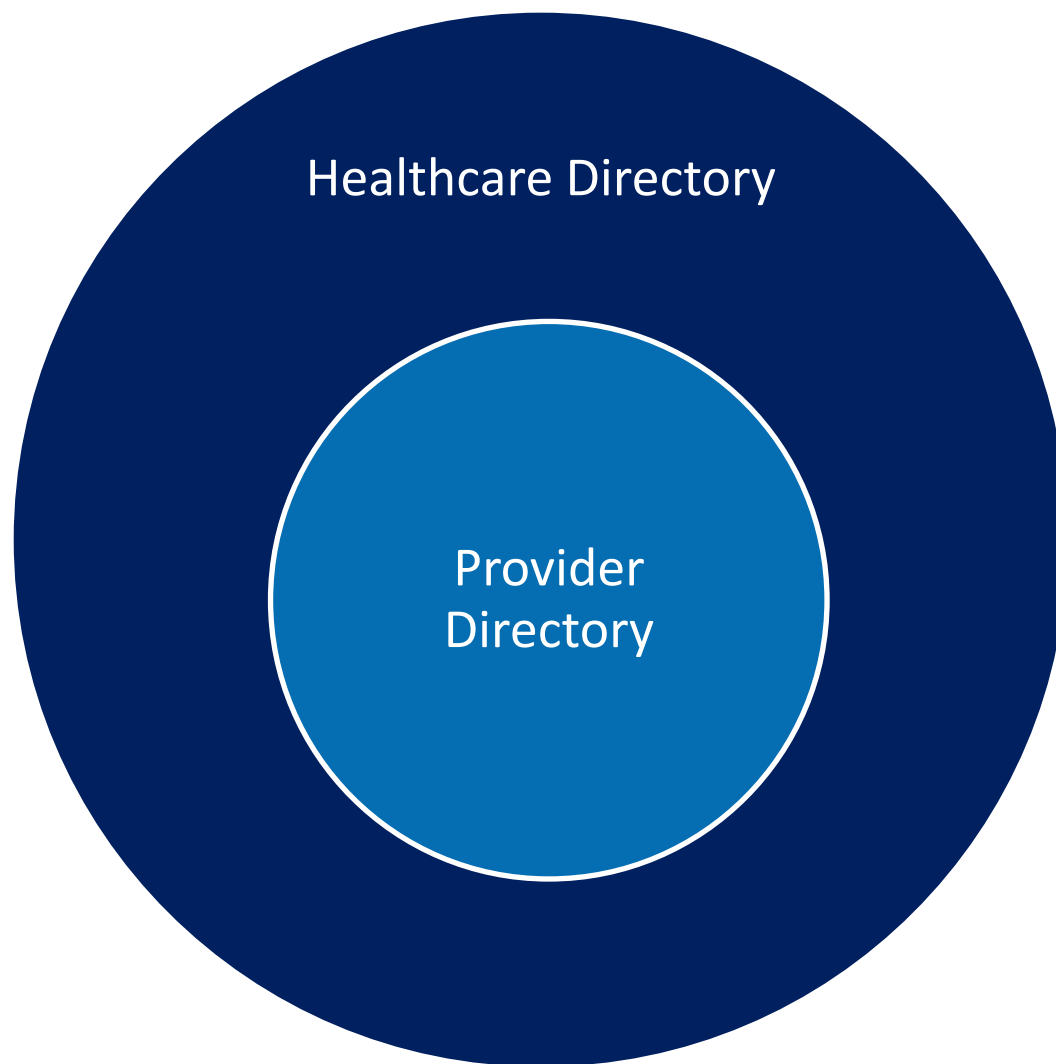
- The ONC Tech Lab
  - » the way in which ONC organizes and approaches its standards and technology work
  - » improve existing standards and build consensus around those that best serve specific interoperability needs
  - » This principled approach is designed to provide stakeholders with common connection points to ONC's standards and technology efforts
- Standards Coordination (within) Tech Lab
  - » ONC works with SDOs and industry stakeholders to identify standards gaps and areas where more clarity or reduced optionality is needed
  - » Another emphasis is on connecting new program, policy, and business requirements to technical standards and infrastructure needs
- HcDir work - our structure(s) behind the scenes

# HcDir Task Force Effort



- 1) Define and prioritize HcDir use cases that represent the immediate, mid- and long-term needs of both FHA member agencies and the commercial sector.
- 2) Based on these use cases, define a core HcDir data set common to all use cases
- 3) Define extensions to the core data set based on information requirements of specific use cases.
- 4) Identify a national HcDir architecture based on prior FHA work on architectural models.
- 5) Define and promote a national standard for the exchange of HcDir information, based on FHIR, required to support the priority use cases, data sets and architecture. This standard should be balloted and published by HL7 as a FHIR implementation guide.

# Why Healthcare Directory and not Provider Directory?



# Provider Directory Workshop

- Purpose: Review past and current challenges, share success stories, and generate new ideas around provider directory standards and solutions
- Day 1: Presentations to reach a common understanding for where we are; identify achievements, findings, and recommendations of initiatives and implementations
- Day 2: Working session on Exploring scope, use cases, data requirements, and priorities Discussing issues and barriers
- Attendees: 110 in-person and 94 virtual from federal agencies, states, HIEs, providers, payors, HIT vendors, associations, and networks



## Findings:

- Directories are critical to many stakeholders
  - » Not all stakeholders value the same use cases
  - » Not all stakeholders define provider directories the same way
- Data quality is important for critical attributes
  - » Not all use cases consider the same data attributes critical
- Identified and prioritized some initial critical use cases
- Agreed on the value of the HPD data model, but a strong preference for FHIR as an API

# Provider Directory Workshop

## Questions:

- How do we coordinate better?
- What standard do we use for interoperability?
- What role does NPPES play?

# Provider Directory Workshop

## Priorities:

- Continued, detailed development of a broad collection of use cases that support and allow access by providers, health plans, and consumers, as required by key business drivers
- Focus initially on core use cases and common data elements that deliver value to the broadest group of stakeholders
- Committed to develop an implementation guide for an API for provider directories based on FHIR

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Meeting details can be found at:

<https://oncprojecttracking.healthit.gov/wiki/display/PDW/Provider+Directory+Workshop>

# Meeting format and Our Collaboration Work Space - Basecamp

- A monthly meeting, the second Friday of each month.
- The Basecamp site
  - » Signing up for Basecamp
  - » Group norms
  - » Our first discussion(s)
    - “Test” discussion – For those new to Basecamp, unsure of the functionality etc. A place to test out the functionality
    - Questions from HcDir TLC Attendees – A place for questions/comments/musings from HcDir Attendees (on the TLC). Questions you had but the meeting ran out of time, the idea occurred after the meeting, etc.
    - Potential Future Discussion Items – Again, if we ran out of time or had something to share after.
    - Basecamp (as opposed to TLC) Questions

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# HcDir Workshop Use Cases



The following Use Cases are based on a provider, organization or support staff using the directory to locate information

1. Discover ESI (individual or organization and may include other support services)
  - for anyone based on any relationship)
2. Discover Provider (individual or organization and may include other support services)
  - regardless of ESI (may be qualified by any relationship
3. Discover Provider accessibility (office hours, languages, taking new patients, ....)
  - primarily for a consumer/patient
4. Discover Provider relationship to health plans, or health plan to provider
  - usually, but not always for consumer/patient -- may be complex based on intermediates – e.g. IPAs
5. Discover Provider relationship to patients, or patient to provider
  - used for alerts ....
6. Discover provider relationships to providers in context of patient
  - Care management

Each use case may required:

- identification of user and access authentication
- restriction on access to some of the data
- Integration with regional / local directories

- Argonaut members and HL7 have been meeting to expand FHIR to address healthcare directory needs
  - » Perhaps for STU3
- Based on Practitioner, Organization, Location, and Endpoint resources
  - » Proposing expansion of DSTU2 resources to address healthcare directory needs
  - » Proposing addition of Endpoint resource



- Initial virtual Connectathon ongoing today
  - » The Advisory Board, Epic, Cerner, MiHIN, The Sequoia Project, Surscripts, Telstra Health, InterSystems, and MITRE participating
- Learn more at [http://argonautwiki.hl7.org/index.php?title=Argonaut Provider Directory Connectathon](http://argonautwiki.hl7.org/index.php?title=Argonaut_Provider_Directory_Connectathon)

- Initial focus scenarios:
  1. Identify the address and telecom details for an individual provider
  2. Identify the Direct address for an individual provider
  3. Identify the electronic service endpoints for an provider organization
  4. Identify the address and telecom details for a provider location
  5. Identify the electronic service endpoints for a provider location
  6. Locate individual providers through their organizational relationships

## Questions, topics for future meetings

- Please type your questions in the question box. We will respond. If time allows we will also unmute participants
- If we run out of time or something crosses your mind later that you want to share you may enter your question/suggestion for a future meeting in Basecamp
- Have Healthcare Directory interoperability effort underway? Please consider entering you information in the Interoperability Proving Ground details at: <https://www.healthit.gov/techlab/ipg/>
- Our next meeting will be September 9<sup>th</sup>, 2016 at 12PM Eastern time. Your registration for this meeting will also work at that time. Just have this slide deck? To register for future HcDir TLC meetings please visit <https://attendee.gotowebinar.com/register/1358030277592276228>

## Contact information

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- Alex Kontur – [alex.kontur@hhs.gov](mailto:alex.kontur@hhs.gov)



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