

FHIR eReferral WG

Tuesday, January 23, 2018 10:59 AM

Attendees:

Robert Allen, Tim Berezny, Caryn Harris, Sisira De Silva, Terry Waldron, Yaron Derman, Asiya Shams, Jeff Kavanagh, Joel Frands, John Wills, Matt Atwood, Rita Pyle, Tue Hoang, Dustin Doan, Smita Kachroo, Fariba Behzadi

Task Update

Tim walked the WG through the Resource diagram he has created to show the relationships between the various Resources we are proposing to use.

Task Resource handles the status of the overall referral (follows the state machine)

- Business status can be used by individual organizations

ReferralRequest and ProcedureRequest have now been merged and replaced by ServiceRequest

CommunicationRequest is similar to Task but it is purpose built for the purpose of strictly communication (e.g. a request for (further) information about the referral, ad-hoc communication). It doesn't replace the ServiceRequest to formally make a referral.

Sample Process

1. Requestor submits a referral (using ServiceRequest)
2. Referral Target wants further information (using CommunicationRequest, which is linked to the ServiceRequest through the 'BasedOn' attribute)
3. Requestor sends further info (using the Communication resource, which refers to the ID for the CommunicationRequest resource that it is responding to).

How to incorporate the additional info that arrives via the Communication resource? This is up to the system e.g. can store in the Notes section.

Where will there be a 'master copy' of the referral so that a system can request all of the resources associated with it at any point of time?

DECISION?: The owner of the referral would be the Receiver, so the master copy would be requested from them

Using ServiceRequest would mean that we would need to move all the resources to STU4. While there aren't many other changes between the two versions, the tooling is not ready for STU4.

DECISION: For now, we'll continue with STU3

ACTION: Tim attending New Orleans HL7 WG:

1. will ask what they recommend around which version to use.

Process Interactions (Steps - Resources - Operations)

Step 2a - need to talk about whether the original ServiceRequest is forwarded onto the ReferralTarget or if it is 'closed' because it arrived at the Central Intake and now a new Referral is sent to the Recipient

Step 2b - two models 1) subscription and 2) polling ('what are the new referrals?'). The polling 'GET' is a requirement and the subscription is a bonus. Polling has a higher confidence that data won't be missed.

Step 3 - send a communication back to the Requestor

DECISION: send only the CommunicationRequest and DON'T send the other resources

ACTION: Tim to send out the diagrams we were reviewing