



Canada Health Infoway

eReC Working Group

Online meeting
July 31, 2024

Topics

| Topic | Time (ET) |
|---|--------------|
| Information Sharing & Discussion: CAT & FHIR Messaging <ul style="list-style-type: none">- eReC Actors, Mappings & Options- Approaches to messaging between RMS and upstream actor | 30 mins |
| Voting Item: Block Vote 3 | 5 mins |
| Review of Must Support | 1hr, 20 mins |
| Upcoming Meetings | 5 mins |



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Information Sharing & Discussion:

CAT & FHIR Messaging:

- eReC Actors, Mappings & Options



Discussion:

CAT & FHIR Messaging:

- Approaches to messaging between RMS and upstream actor

Messaging between RMS and upstream actor

Topic 1: *Upstream* updates to Referral Record

Context: seq diagram

One of the following is received by an RMS (eReC Requester) from an eReC Fulfiller and the **Referral Record** is updated:

- [notify-add-process-request](#): Task in MessageHeader.focus
- [notify-add-appointment](#): Appointment in MessageHeader.focus
- [notify-update-process-request](#): Task or Appointment in MessageHeader.focus

What message should the RMS generate to communicate the change to an upstream system?

1. ***send the change to the Referral Record***
i.e.: RMS sends notify-update-service-request with the changed resource in focus (as in UC-04 sequence diagram)
question: If this is the approach, would this same message be sent to the downstream in reply to the message received?
2. ***pass along the information received***
i.e. RMS sends the message-event received by the RMS with the changed resource in focus (as in UC-03 sequence diagram)
3. send the change to the Referral Record but with a ***different event code***

Messaging between RMS and upstream actor

Topic 2: *responses* to RFI

Context: seq diagram

An RMS (role: eReC Requester) sends a Request for Information upstream:

`send-communication-from-provider`: Communication (type = "rfi") in MessageHeader.focus

How should the upstream system respond?

1. Send an ***update to the initial ServiceRequest*** with the missing information added
i.e.: POS sends notify-update-service-request
Question: Would this include the shared referral identifier received from the RMS?
2. Send a reply to the communication with the missing ***information in the payload***
i.e. POS sends send-communication-from-requester with the information with Communication.content?
3. Other options?



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Voting Item:

Block Vote 3

Block Vote 3

- 35 items submitted
- Items #9-13 have been pulled for discussion:
 - The disposition was to remove the MS on the Service Request extensions but note that they are required for use in Ontario.
 - The discussion of how to handle jurisdictional variations is still ongoing but it seems reasonable to include jurisdictional variations in the pan-Canadian guide so that we inform the implementers.
- Item #18 – Submitter realizes they meant Appointment.patientInstruction vs Appointment comment
 - Shouldn't instructions to the patient be placed in the proper field? That should be the patient instruction. If vendors also have a comments field, then both should remain Must Support.
- Motion: Accept the block vote dispositions with the removal of the six items above – Jean Duteau / Sandra Lambert: 26-0-0



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Review of Must Support

Must Support

- Profiles have been revised with the discussion of Must Support from the July 3rd call
- Process:
 - Review the profiles and agree on the Must Support
 - Once agreement has been reached, update the issues based on the agreement

Supporting HealthcareService

- High-level nature of the service needed – can be sufficient for assigning a performer when used in combination with patient location, clinical needs, etc. –
HealthcareService.type – for P2P is the specific service needed (same value set as SR.category), for CAT/CI is the CAT/CI service
- **ServiceRequest.category** – not needed for P2P, for CAT/CI is the specialty being requested, eg. Urology, Orthopedics (same value set as HS.type)
- Specific type of service to be performed, eg. Urinalysis, Renal/Bladder Ultrasound –
ServiceRequest.code – used for both P2P and CAT/CI
- Reason for Referral – could be coded but very often text –
ServiceRequest.reasonCode

Upcoming meetings & topics

| Date & Time (EDT) | Proposed Topics |
|-------------------|--|
| Aug 7: 1-3pm | Block Vote 4 (TBD) Discussion Items |
| Aug 14: 1-3pm | Block Vote 5 (TBD) Discussion Items |
| Aug 21: 1-3pm | Review of Applied Items |



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Thank you!

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