

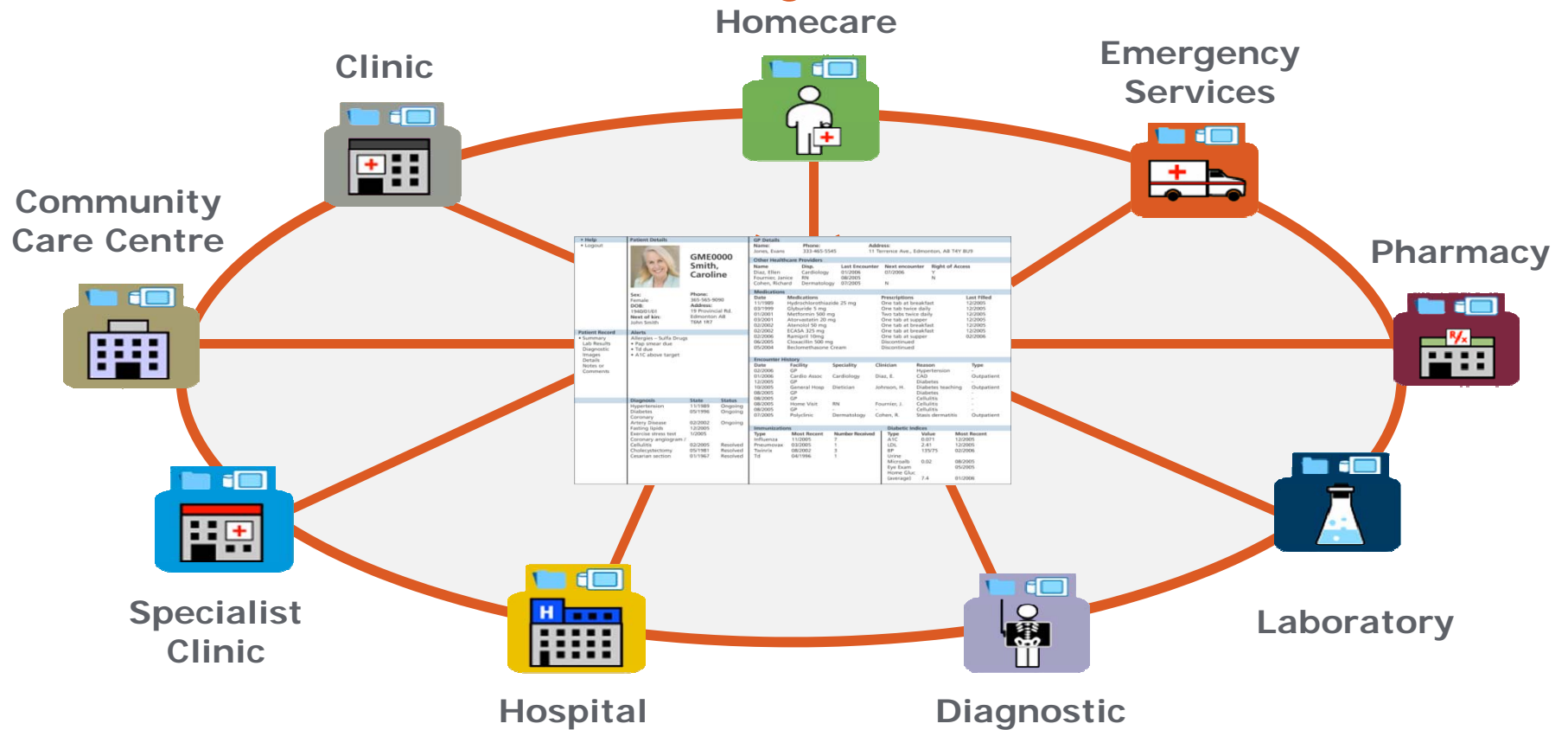
Getting There Faster: Interoperability tools to gather clinical requirements and produce developer specifications

*Tanya Achilles and Sam Tse
Canada Health Infoway*

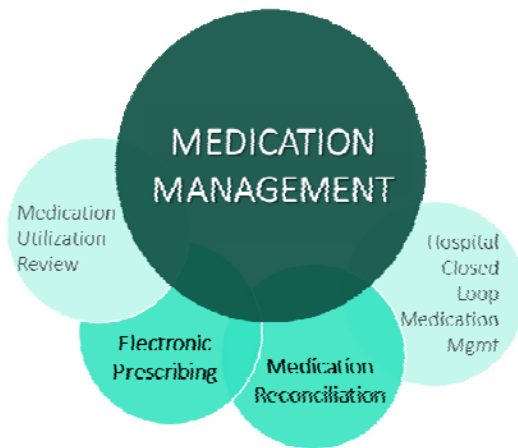
*Tuesday June 2nd, 2015
11:30 – 12:00 pm*



Canada Health Infoway

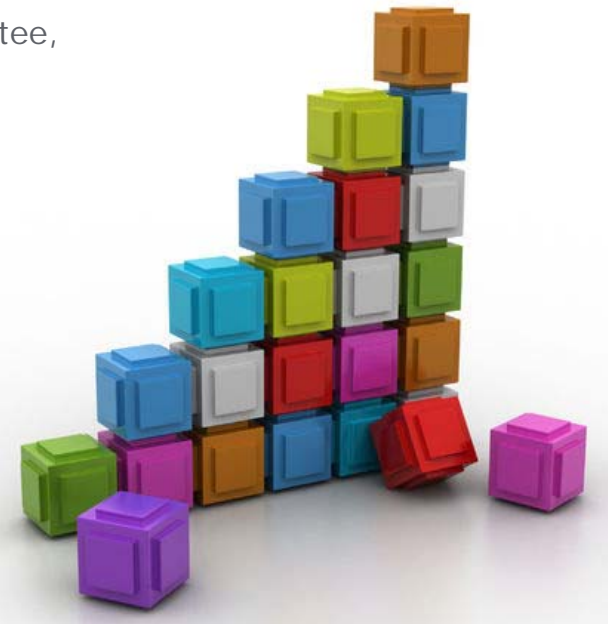


CLINICAL PRIORITIES

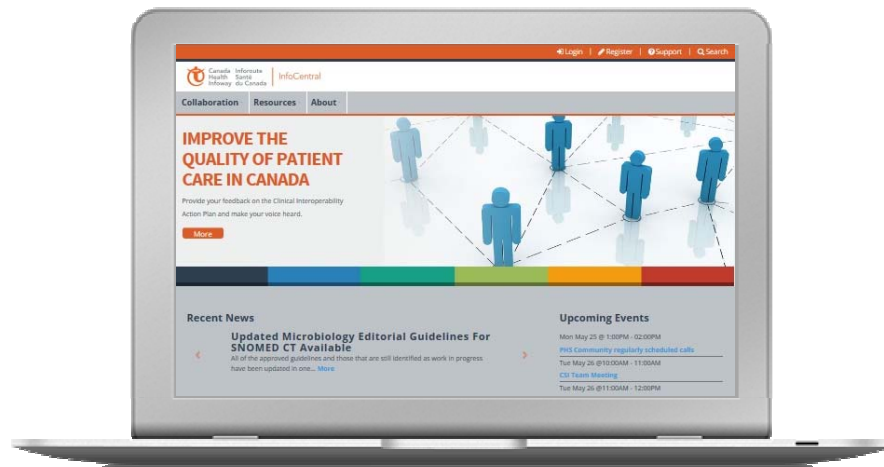


THE CLINICAL INTEROPERABILITY ACTION PLAN

- 1. Mobilize** – Engagement with and outreach to Clinicians, Vendors, Health and eHealth organizations to participate in Steering Committee, Communities, Working Groups and Implementation Projects
- 2. Collaborate on Aligned Priorities** – Medication Management, Communicable Disease Management, Coordination of Care
- 3. Leverage Enablers** – Best Practices, Interoperability Solutions, InfoScribe and InfoCentral

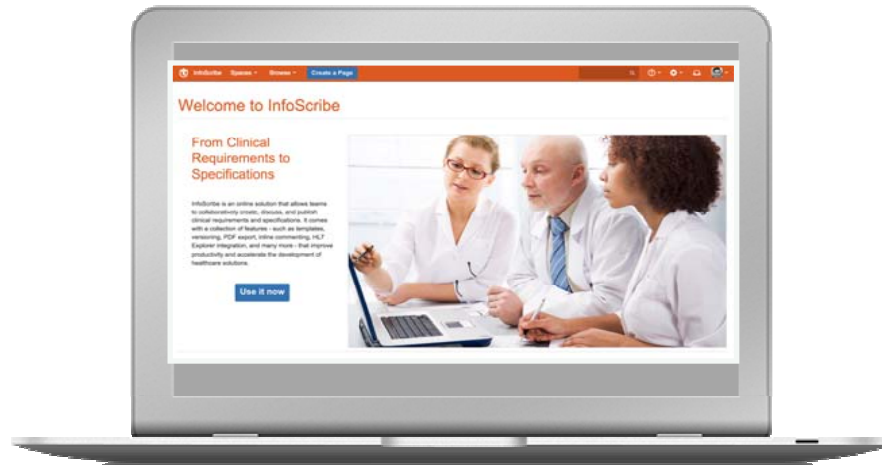


InfoCentral for Collaboration



- Communities
- Working Groups
- Resources

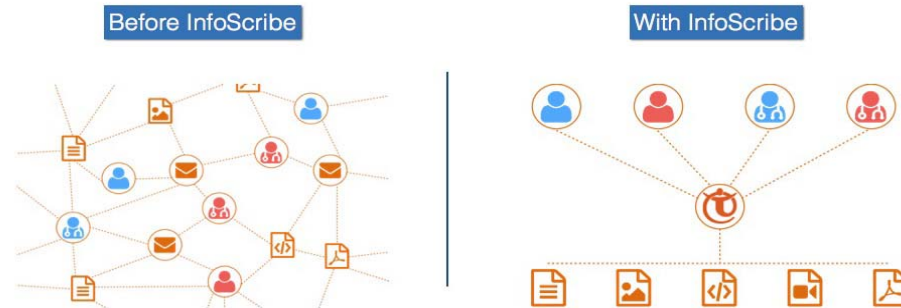
InfoScribe for Documentation




- Clinical Requirements
- Specifications

What is InfoScribe?

- Web-based Authoring and Publishing Solution for Clinical Requirements and Specifications
- Enables collaboration between clinicians, vendors and eHealth programs to rapidly develop effective interoperability solutions





What do Clinicians Need?

A good user experience.

Access to content with
minimal disruption in workflow.

InfoScribe provides Clinicians with...

- Clinical Requirements process that allows them to express their needs in terms of the information they need and the workflow that needs to be supported
- Collaboration to gather lessons learned from other clinicians, vendors and eHealth programs
- Screenshots or mockups to visualize and test their requirements
- Clear traceability between their Clinical Requirements and Specifications

Clinical Requirements

A set of statements in the clinician voice, that describe their needs in relation the information that is required, and the workflow that needs to be supported during a specific clinical data exchange

Clinical requirements guide the creation of a developer specifications

Clinical Requirements Template

CLINICAL CONTEXT

- Scope
- Definition

CLINICAL REQUIREMENTS APPROACH

- Clinicians
Expression of
Needs
- Mockup

CLINICAL REQUIREMENTS

- Clinical
Requirements

Clinical Requirements Template

InfoScribe Spaces Browse Create a Page

- Getting Started
- Clinical Context
- Clinical Requirements Approach**
- Clinical Requirements

Clinicians Expression of Need

The Clinical Interoperability Principles below guide a line of inquiry, observation or investigation that help to surface Clinical Requirements.

Information Principles (The content I need)

- > 1. I need to receive and send notifications about my patients and transitions of care.
- > 2. I need to know the data is trustworthy and secure and who it is from.
- > 3. I need clinically relevant information about my patient.
- > 4. I need to share and view relevant patient information with others in the circle of care including the patient.
- > 5. I need information to be consistent in its meaning. (1)
- > 6. I need available clinical data to be aggregated and assembled to support care delivery and health system use.

Workflow Principles (minimal disruption to workflow)

- > 1. I need information access to be easy, intuitive, supporting my workflow, with minimal steps and clicks.
- > 2. I need this information to be available in one place and assembled together with other clinically relevant information.
- > 3. I need clinical decision support tools available to me at the point of care (relevant alerts and evidence based reference guidelines).
- > 4. I need this information to be available to me when and where I need it.
- > 5. I need to be in control of how I use a system and how I choose to interact with data.
- > 6. I need to know that the system supports my clinical guidelines, standards of practice and regulatory requirements.
- > 7. I need to work directly with the solution vendor to ensure that what gets designed and built is something I will use.

Mockup

This section provides mockup clinical system screens, developed to help surface any additional Clinical Requirements.

This mockup has been reviewed with Clinicians and represents an example of a possible layout that would meet clinician's needs. It is intended

Clinical Requirements - Line of Inquiry

InfoScribe Spaces Browse Create a Page

Getting Started
Clinical Context
Clinical Requirements Approach
Clinical Requirements

Clinicians Expression of Need

✓ The Clinical Interoperability Principles below guide a line of inquiry, observation or investigation that help to surface Clinical Requirements.

Information Principles (The content I need)

- > 1. I need to receive and send notifications about my patients and transitions of care.
- > 2. I need to know the data is trustworthy and secure and who it is from.
- > 3. I need clinically relevant information about my patient.
- 4. I need to share and view relevant patient information with others in the circle of care including the patient.
 - Who do I need to share information with?
 - What information do I need to share?
 - How often do I need to share this information?
 - Why do I need to share this information?
 - Whose information do I need to view?
 - How often do I need to view it?
 - How do I share information with the patient?
 - How does the patient share information with me?
- > 5. I need information to be consistent in its meaning. (1)
- > 6. I need available clinical data to be aggregated and assembled to support care delivery and health system use.

Workflow Principles (minimal disruption to workflow)

- > 1. I need information access to be easy, intuitive, supporting my workflow, with minimal steps and clicks.
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Mockup

InfoScribe Spaces Browse Create a Page

Mockup

✓ This section provides mockup clinical system screens, developed to help surface any additional Clinical Requirements.

ⓘ This mockup has been reviewed with Clinicians and represents an example of a possible layout that would meet clinician's needs. It is intended to provide guidance to software developers, however it is not intended to be prescriptive.

EMR Application Dr. McNeely | Logout

Medication Profile for Allison Johnson

Birth Date: 2017-05-19
Gender: Female

Drug Name	Prescriber	Dosage	Quantity	Days Remaining - Current Fit	Days Remaining - Therapy	Status	Recently Active	Issues	Notes	Local
APOL ANCOB Pyril FOR SUSP 200MG/5ML L	Dr. Bob McNeely	Take 1 tsp three times daily until finished	100 mL	0	0	Completed	Y	✓		
ARCOAIR 100	Dr. Janet Little	inhale 2 puffs four times daily as needed	200 DCS	14	86	Active			✓	N
ADVAIR 100 DISKUS	Dr. Janet Little	inhale 1 store-bred only as directed	120 DCS	14	76	Active				N
BAKIN- 100MG/5ML L	Dr. Ken Smith	Shake well & give 7.5 mL twice daily until finished	100 mL	0	0	Completed	N			
PLUS- SALBUTAM OL ORAL LIQUID	Dr. Janet Little	Take 1 tsp 3 to 4 times daily as needed	100 mL	22	22	Suspended	N	✓		

File Modified ^

› BPMH mockup.png Apr 01, 2015 by Peter Picton

↓ Drag and drop to upload or browse for files


Adding a Comment


BPMH mockup.png

EMR Application

Medication Profile for Allison Johnson


Birth Date: 2007-03-19
Gender: Female

Drug Name	Prescriber	Dosage	Quantity	Days Remaining - Current Fill	Days Remaining - Therapy	Status	Recently Active	Issues
 APO-AMOXI PWR FOR SUSP 250MG/5M L	Dr. Bob McAnulty	Take 1 tsp three times daily until finished	150 mL	0	0	Completed	Y	✓
AIROMIR	Dr. Janet Little	Inhale 2 puffs four times daily as needed	200 DOS	14	86	Active		
ADVAIR 100 DISKUS	Dr. Janet Little	Inhale 1 dose twice daily as directed	120 DOS	14	76	Active		
BIAXIN - 125MG/5M L	Dr. Ken Smith	Shake well & give 7.5 mL twice daily until finished	150 mL	0	0	Completed	N	

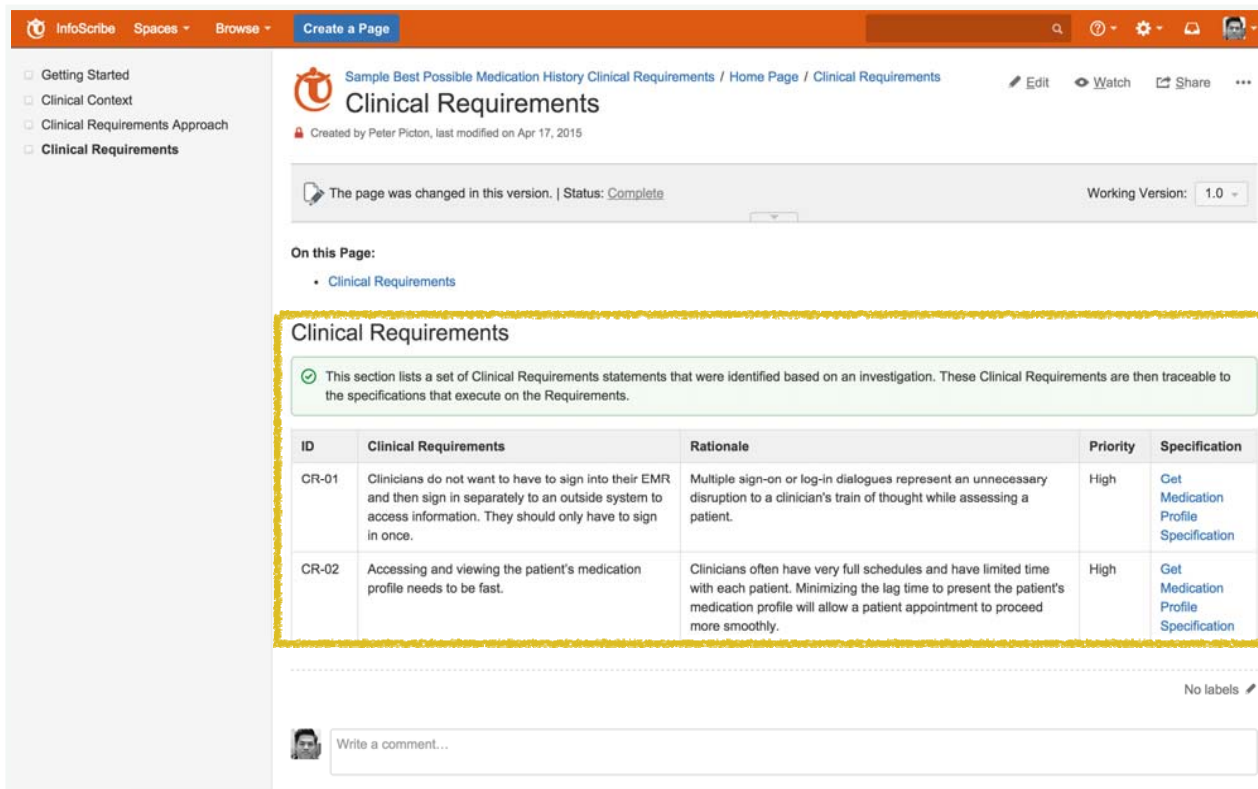
 Tanya Achilles

Clinicians need the ability to see both brand and generic drug names.

Edit • Resolve • Like • just a moment ago

 Tanya Achilles

Clinical Requirements – Link to a Specification



InfoScribe Spaces Browse Create a Page

Sample Best Possible Medication History Clinical Requirements / Home Page / Clinical Requirements

Clinical Requirements

Created by Peter Picton, last modified on Apr 17, 2015

The page was changed in this version. | Status: Complete Working Version: 1.0

On this Page:

- Clinical Requirements

Clinical Requirements

This section lists a set of Clinical Requirements statements that were identified based on an investigation. These Clinical Requirements are then traceable to the specifications that execute on the Requirements.

ID	Clinical Requirements	Rationale	Priority	Specification
CR-01	Clinicians do not want to have to sign into their EMR and then sign in separately to an outside system to access information. They should only have to sign in once.	Multiple sign-on or log-in dialogues represent an unnecessary disruption to a clinician's train of thought while assessing a patient.	High	Get Medication Profile Specification
CR-02	Accessing and viewing the patient's medication profile needs to be fast.	Clinicians often have very full schedules and have limited time with each patient. Minimizing the lag time to present the patient's medication profile will allow a patient appointment to proceed more smoothly.	High	Get Medication Profile Specification

No labels

Write a comment...

What do Vendors Need?

Clear requirements that meet clinicians' needs.

Reduced complexity and useful tools.

InfoScribe provides Vendors with...

- Common templates for specifications
- Support for solutions reuse across jurisdictions
- Software libraries and APIs facilitating rapid software development
- Documentation and tools delivered in a way that provides them only the information they need

Specification Template

OVERVIEW AND MOCKUP

- Overview
- Mockup

BUSINESS INTEROPERABILITY

- Use Cases
- Business Rules
- Guidance

INFORMATION INTEROPERABILITY

- Interaction
Diagrams
- Standard
- Clinical
Information

TECHNICAL INTEROPERABILITY

- API
- Sample Code
- Sample
Messages
- Etc...

Cohesive Content

🏠 InfoScribe Spaces ▾ Browse ▾ Create a Page

🔍
🕒
⚙️
📄
👤

- Getting Started
- Overview and Mockup
- Business Interoperability
- Information Interoperability
- Technical Interoperability

Standards

This specification is developed based on the [HL7v3 CeRx 4.3](#) standard.

Clinical Information

Purpose

The purpose of this section is to provide all the business relevant data elements as defined in the business rules. On the other hand, technical relevant data elements, such as Application OID and Provider ID, can be found in HL7 Explorer and the [Technical Interoperability](#) page.

Medication Profile Summary Query (PORX_IN060390CA)

Business Rule	Data Element	Vocabulary
BR-09	Reason Code	PatientProfileQueryReasonCode
BR-25	Patient Health Service Number	
BR-25	Patient Name	
BR-25	Patient Gender	AdministrativeGender
BR-25	Patient Birth Date	

BUSINESS RULE

BR-25

- Description: The following patient information need to be identified to get the Medication Profile: Name Health Service Number Gender Birth Date
- Mandatory (M) / Optional (O): M

[Click for more details.](#)

Medication Profile Summary Query response (PORX_IN060400CA)

Vocabulary
ActStatus

HL7 Explorer

other +

ParameterList (Medical Conditions Query Parameters)

Overview More ▾

Definition Defines the set of parameters that may be used to filter the query response

Rationale Root class for query definition

Associations

includeNotesIndicator	REPC_MT000015CA.IncludeNotesIndicator (M) [1] -
Target	REPC_MT000015CA.IncludeNotesIndicator
Conformance	Mandatory ⓘ
Cardinality	1

medicalConditionChangePeriod	REPC_MT000015CA.MedicalConditionChangePeriod (0..1) -
Target	REPC_MT000015CA.MedicalConditionChangePeriod
Conformance	Required ⓘ
Cardinality	0..1

Required

The property must be supported by all applications (they are able to capture and/or display it), but won't necessarily always be present in an instance.

[medicalConditionStatus](#) REPC_MT000015CA.MedicalConditionStatus (F) [0..1] -

[patientBirthDate](#) REPC_MT000015CA.PatientBirthDate (M) [1] -

[patientGender](#) REPC_MT000015CA.PatientGender (M) [1] -

[patientID](#) REPC_MT000015CA.PatientID (M) [1] -

[patientName](#) REPC_MT000015CA.PatientName (M) [1] -

Contents

Sort By: Message Order

- [Medical Conditions query](#)
- [Diagram](#)
- [List](#)
- [ParameterList \(Medical Conditions Query Parameters\)](#)
- [IncludeNotesIndicator](#)
- [MedicalConditionChangePeriod](#)
- [MedicalConditionStatus](#)
- [PatientBirthDate](#)
- [PatientGender](#)
- [PatientID](#)
- [PatientName](#)

API

The screenshot shows the InfoScribe web application interface. The top navigation bar includes 'InfoScribe', 'Spaces', 'Browse', and 'Create a Page'. A sidebar on the left lists navigation items: 'Getting Started', 'Overview and Mockup', 'Business Interoperability' (selected), 'Information Interoperability', and 'Technical Interoperability'. The main content area is titled 'API' and contains the following text:

API

Developers can use Message Builder API which fosters quick and easy creation, population, validation, and access to HL7v3 requests and responses that are conformed to the jurisdictional specification. Further details can be found in the [Message Builder section on InfoCentral](#).

Setup

Developers will need to first setup Message Builder in their development environment by following the instructions in the [Message Builder Quick Start Guide](#). Please go to the [Message Builder download page](#), select "SK CeRx V01R04.2", and follow the instructions on the page to download Message Builder.

Resources

- **Message Builder Demonstration Video:** This [video](#) provides developers with more in-depth knowledge of Message Builder. It includes a brief demo of the Message Builder developer's runtime library in action in Eclipse IDE for Java.
- **User Guide:** For both basic and advanced Message Builder concepts, visit the [User Guide](#).
- **Standards Education:** The *Inforoute* Standards Collaborative offers pan-Canadian standards-based education solutions in messaging (HL7), terminology (SNOMED CT®) and vocabulary (such as LOINC® and PCLOCD). For further information, visit the education site at: <https://www.inforoute.ca/index.php/programs-services/standards-collaborative/standards-education>

Sample Message

InfoScribe Spaces Browse Create a Page
🔍 ? ⚙️ 📄 👤

- Getting Started
- Overview and Mockup
- Business Interoperability
- Information Interoperability
- Technical Interoperability

Sample Messages

Medication Profile Summary Query (PORX_IN060390CA)

Tips
You can use HL7 Explorer to learn more about the message, datatype, and vocabulary.

PORX_IN060390CA ▼ Collapse source

```

1 <PORX_IN060390CA xmlns="urn:hl7-org:v3" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" ITSVersion="XML_1.0">
2 <id extension="6fc0c06d-f0e0-4b" root="2.16.124.9.101.1.8.1"/>
3 <creationTime value="20111121000000"/>
4 <versionCode code="V3-2005-12"/>
5 <interactionId extension="PORX_IN060390CA" root="2.16.840.1.113883.1.6"/>
6 <processingCode code="D"/>
7 <processingModeCode code="T"/>
8 <acceptAckCode code="AL"/>
9 <receiver typeCode="RCV">
10 <telecom value="https://pipmsgcerx.uat.shin.sk.ca/PIN_CeRx_Web/cerx"/>
11 <device classCode="DEV" determinerCode="INSTANCE">
12 <id root="2.16.840.1.113883.3.144.1.8.1"/>
13 </device>
14 </receiver>
15 <sender typeCode="SND">
16 <telecom value="https://emri.inforoute.ca/em...emo/pos/sblack"/>
17 <device classCode="DEV" determinerCode="INSTANCE">
18 <id extension="Infoway01" root="2.16.840.1.113883.3.1293.100.10.1"/>
19 <manufacturerModelName>1.0</manufacturerModelName>
20 <softwareName>EMRI-POS</softwareName>
21 <asLocatedEntity classCode="LOCE">
22 <location classCode="PLC" determinerCode="INSTANCE">
23 <id extension="CPN.00020636.SK.PRS" root="2.16.840.1.113883.4.67"/>
24 </location>
25 </asLocatedEntity>
26 </device>
27 </sender>

```

Sample Code

The screenshot shows the InfoScribe web application interface. The top navigation bar includes 'InfoScribe', 'Spaces', 'Browse', and 'Create a Page'. A sidebar on the left lists navigation items: 'Getting Started', 'Overview and Mockup', 'Business Interoperability' (selected), 'Information Interoperability', and 'Technical Interoperability'. The main content area is titled 'Sample Code' and contains the following text:

The following sample code uses Message Builder, which you can learn more about in the [previous section](#).

Medication Profile Summary Query (PORX_IN060390CA)

Tips
You can use [HL7 Explorer](#) to learn more about the [message](#), [datatype](#), and [vocabulary](#).

PORX_IN060390CA ▼ Collapse source

```
1 public InteractionBean createRequestInteraction() {
2     MedicationProfileSummaryQueryBean messageBean = new MedicationProfileSummaryQueryBean();
3
4     this.setTransportWrapperValues(messageBean);
5
6     messageBean.setControlActProcess(this.createControlActProcess());
7
8     return messageBean;
9 }
10
11 protected void setTransportWrapperValues(HL7Message_1Bean<?> messageBean) {
12     // Fill in transport wrapper portion
13     messageBean.setId(new Identifier("2.16.124.9.101.1.8.1", UUID.randomUUID().toString()).su
14     messageBean.setCreationTime(new Date());
15     messageBean.setProcessingCode(DEBUGGING);
16     messageBean.setAcceptAckCode(AcknowledgementCondition.ALWAYS);
```


Chrome File Edit View History Bookmarks People Window Help

Overview and Mockup - S... InfoMed Demo App

localhost:8081/infomed-demo/#/patient

InfoMed Demo App My Patients

Profile Medications

Allison Johnson

Gender
patient gender - to be implemented

Birth Date
May 25th 2015 (8 years old)

Medication Alerts
▲ Patient is overdue to refill [Advair 100 Diskus](#)

What do eHealth programs need?

Rapid deployment of solutions that meet clinicians' needs.

Requirements documentation that is easy to author, maintain and evolve.

InfoScribe provides eHealth Programs with...

- Traceability between clinical requirements and specifications
- Clinical requirements and specifications that can be adopted or adapted
- A Clinical Requirements and Specifications Tool that is simple to use and provides powerful collaboration and document management features

Editing Content

The image shows a rich text editor toolbar with three dropdown menus open. The first menu, under the 'Paragraph' button, lists: Paragraph, **Heading 1**, **Heading 2**, **Heading 3**, **Heading 4**, **Heading 5**, **Heading 6**, Preformatted, and Quote. The second menu, under the 'A' button, lists: Strikethrough, Subscript, Superscript, Monospace, and Clear formatting. The third menu, under the '+ Insert' button, lists: Files and images, Link, Attachment, Symbol, Emoticon, Markup, Horizontal rule, Task list, User mention, JIRA Issue/Filter, Info, Status, Gallery, Table of Contents, Team Calendar, and Other macros.

Adding a Business Rule

InfoScribe Spaces Browse Create a Page

Paragraph B I U A Color Text Background Color Link Unlink Table Insert Table Cell Cell Merge Cell Split Cell

Sample Get Medication Profile Specification / Home Page / ... / Business Rules

BR-28

Permalink: <https://infoscribe.infoway-inforoute.ca/display/SGMPS/BR-28>

Tips - You can add additional Label(s) to this page to categorize this business rule.

Page properties

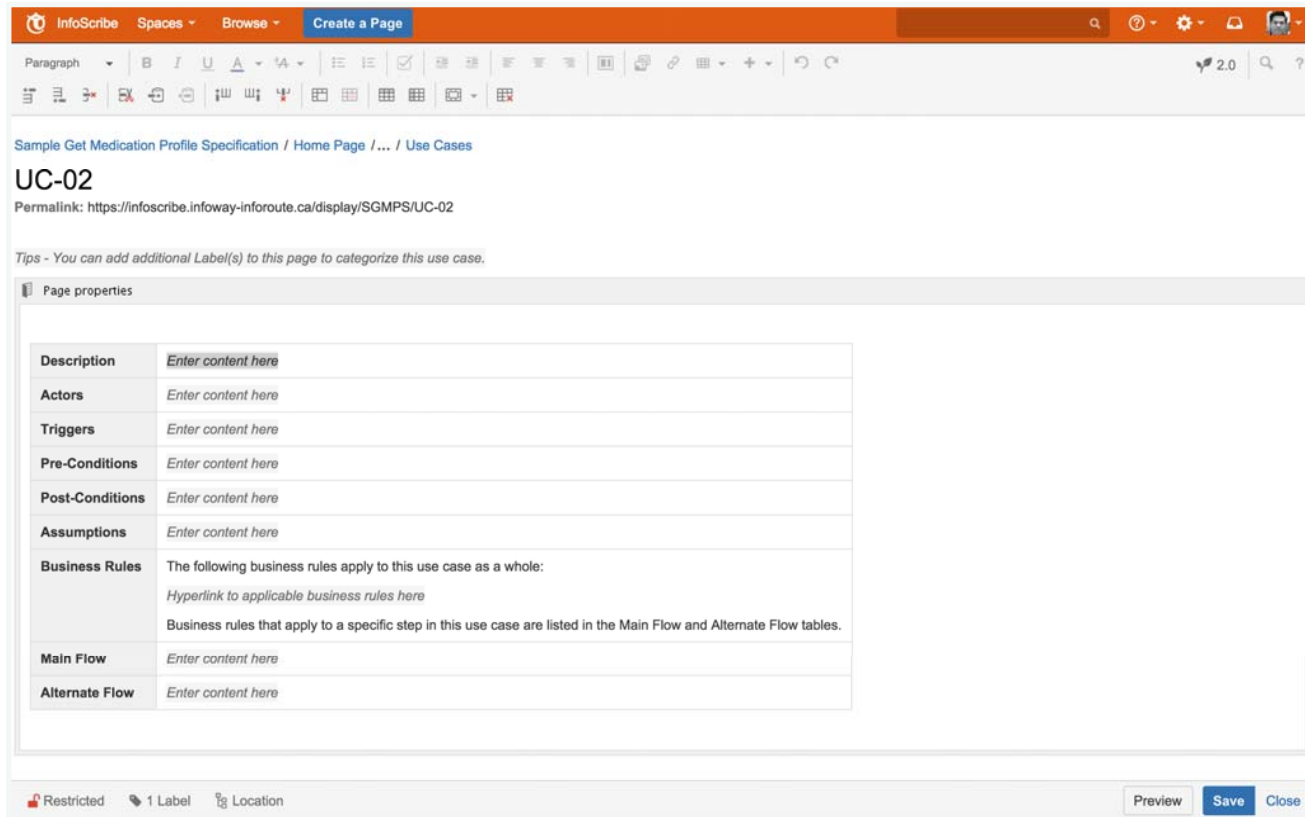
Description	<input type="text" value="Insert a description of the requirement."/>
Mandatory (M) / Optional (O)	<input type="text" value="Insert the letter 'M' or 'O' to indicate the optionality"/>

Scroll PDF Exporter Ignore

Previous and Next Page Buttons

Restricted 1 Label Location Preview Save Close

Adding a Use Case

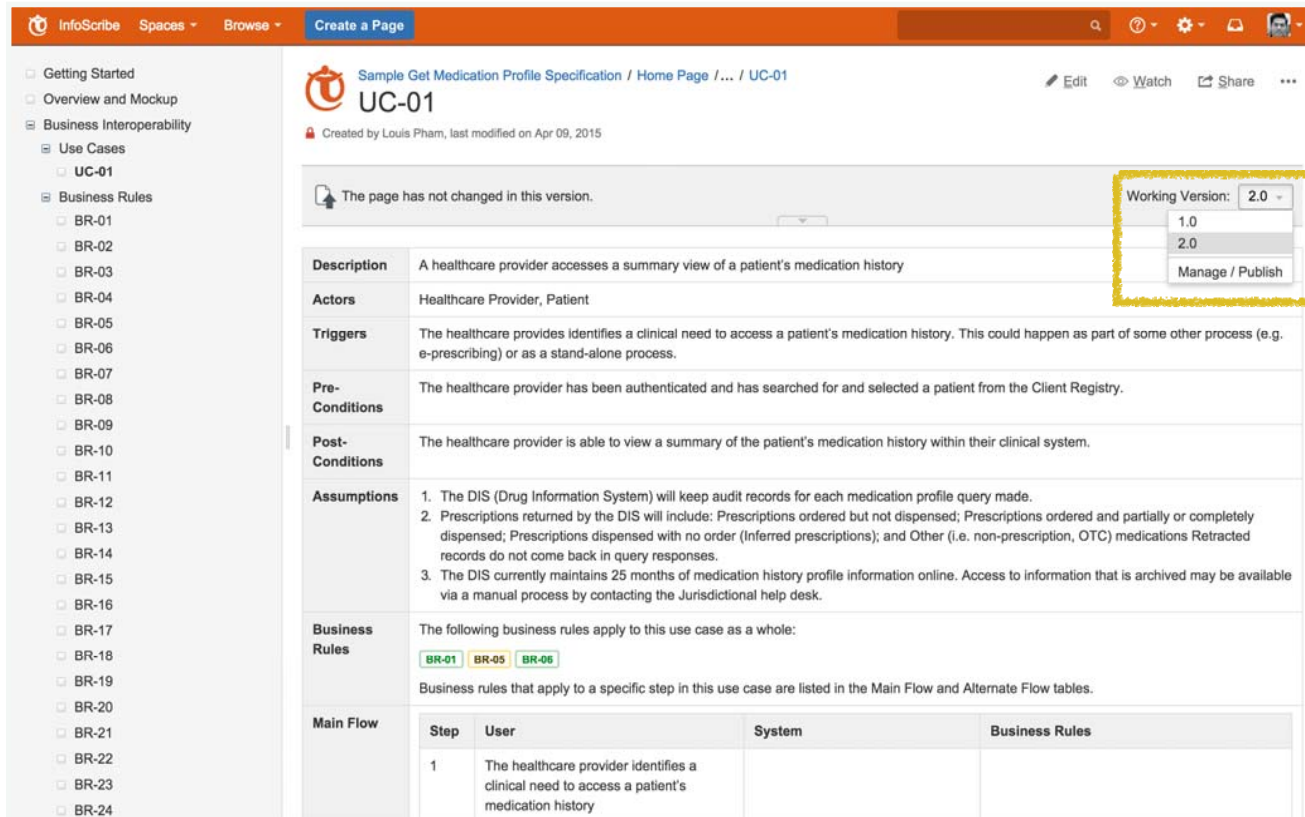


The screenshot shows the InfoScribe web application interface. At the top, there is a navigation bar with 'InfoScribe', 'Spaces', 'Browse', and 'Create a Page' buttons. Below this is a rich text editor toolbar with various formatting options. The main content area displays the breadcrumb 'Sample Get Medication Profile Specification / Home Page / ... / Use Cases' and the title 'UC-02'. A permalink is provided: <https://infoscribe.infoway-inforoute.ca/display/SGMPS/UC-02>. A tip states: 'Tips - You can add additional Label(s) to this page to categorize this use case.' Below the tip is a 'Page properties' section containing a table with the following fields:

Description	<i>Enter content here</i>
Actors	<i>Enter content here</i>
Triggers	<i>Enter content here</i>
Pre-Conditions	<i>Enter content here</i>
Post-Conditions	<i>Enter content here</i>
Assumptions	<i>Enter content here</i>
Business Rules	<p>The following business rules apply to this use case as a whole:</p> <p><i>Hyperlink to applicable business rules here</i></p> <p>Business rules that apply to a specific step in this use case are listed in the Main Flow and Alternate Flow tables.</p>
Main Flow	<i>Enter content here</i>
Alternate Flow	<i>Enter content here</i>

At the bottom of the interface, there is a status bar showing 'Restricted', '1 Label', and 'Location'. On the right side of the status bar, there are three buttons: 'Preview', 'Save', and 'Close'.

Versioning



The screenshot shows the InfoScribe web application interface. The left sidebar contains a navigation menu with categories like 'Getting Started', 'Overview and Mockup', and 'Business Interoperability'. The main content area displays a use case page for 'UC-01' with a description, actors, triggers, pre-conditions, post-conditions, assumptions, business rules, and a main flow table. A 'Working Version' dropdown menu is highlighted with a yellow dashed box, showing options for 1.0 and 2.0, with 2.0 selected. The 'Manage / Publish' button is also visible below the dropdown.

Working Version: 2.0

- 1.0
- 2.0

Manage / Publish

Description A healthcare provider accesses a summary view of a patient's medication history

Actors Healthcare Provider, Patient

Triggers The healthcare provides identifies a clinical need to access a patient's medication history. This could happen as part of some other process (e.g. e-prescribing) or as a stand-alone process.

Pre-Conditions The healthcare provider has been authenticated and has searched for and selected a patient from the Client Registry.

Post-Conditions The healthcare provider is able to view a summary of the patient's medication history within their clinical system.

Assumptions

1. The DIS (Drug Information System) will keep audit records for each medication profile query made.
2. Prescriptions returned by the DIS will include: Prescriptions ordered but not dispensed; Prescriptions ordered and partially or completely dispensed; Prescriptions dispensed with no order (Inferred prescriptions); and Other (i.e. non-prescription, OTC) medications Retracted records do not come back in query responses.
3. The DIS currently maintains 25 months of medication history profile information online. Access to information that is archived may be available via a manual process by contacting the Jurisdictional help desk.

Business Rules

The following business rules apply to this use case as a whole:

BR-01 BR-05 BR-06

Business rules that apply to a specific step in this use case are listed in the Main Flow and Alternate Flow tables.

Main Flow

Step	User	System	Business Rules
1	The healthcare provider identifies a clinical need to access a patient's medication history		

Compare Versions



Compare Versions

1.0 ▾ 2.0 ▾

Expand all Collapse all

Hide Added








Hide Removed

Hide Unchanged

Tree

List

Displaying changes between version '1.0' to version '2.0':

Page	Page Version Details
<input type="checkbox"/>  Home Page	No change in 1.0.
<input type="checkbox"/>  Overview and Mockup	Page modified in 2.0. (show differences)
<input type="checkbox"/>  Business Interoperability	No change in Currently Published.
<input type="checkbox"/>  Business Rules	No change in Currently Published.
<input type="checkbox"/>  BR-01	Page modified in 2.0. (show differences)
<input type="checkbox"/>  BR-02	Page added in 2.0.
<input type="checkbox"/>  Information Interoperability	Page modified in 2.0. (show differences)

Roles and Permissions



Reviewer



Author



Approver



Simple Workflow



Stay Up-to-Date with Email Notification

[InfoScribe] InfoScribe Development Team Space > Getting Started Guide (Draft)

 DELETE  REPLY  REPLY ALL  FORWARD 



Peter Picton (InfoScribe) <no-reply@infoway-inforoute.ca>
Mon 2015-04-27 2:45 PM

mark as unread

To: Tse, Sam;



Peter Picton **commented** on a page

 [Re: Getting Started Guide \(Draft\)](#)

New image, I think it looks better.

 [Reply](#) •  [Like](#)

In reply to



Peter Picton

I will update this image later and try to get a less messy representation of activity and such (possibly using a demo user).

[Stop watching page](#) • [Manage notifications](#)

This message was sent by InfoScribe at <https://infoscribe.infoway-inforoute.ca>

PDF Export

Sample Get Medication Profile Specification

Author: Sam Tse
Version: 1.0
Date: May 12, 2015
URL: <https://infoscibe.inforoute.ca/display/SGMPS>

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Sample Get Medication Profile Specification

Version 1.0

3.1.1 UC-01

Description	A healthcare provider accesses a summary view of a patient's medication history
Actors	Healthcare Provider, Patient
Triggers	The healthcare provider identifies a clinical need to access a patient's medication history. This could happen as part of some other process (e.g. e-prescribing) or as a stand-alone process.
Pre-Conditions	The healthcare provider has been authenticated and has searched for and selected a patient from the Client Registry.
Post-Conditions	The healthcare provider is able to view a summary of the patient's medication history within their clinical system.
Assumptions	<ol style="list-style-type: none"> The DIS (Drug Information System) will keep audit records for each medication profile query made. Prescriptions returned by the DIS will include: Prescriptions ordered but not dispensed; Prescriptions ordered and partially or completely dispensed; Prescriptions dispensed with no order (Inferred prescriptions); and Other (i.e. non-prescription, OTC) medications. Retracted records do not come back in query responses. The DIS currently maintains 25 months of medication history profile information online. Access to information that is archived may be available via a manual process by contacting the Jurisdictional help desk.
Business Rules	<p>The following business rules apply to this use case as a whole: BR-01 BR-05 BR-06</p> <p>Business rules that apply to a specific step in this use case are listed in the Main Flow and Alternate Flow tables.</p>

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