

MedMij Content Hackathon, part 3

!!!! Under Construction !!!!

MedMij Content Hackathon part 3: in this session a PHR ("PGO") will connect with FHIR servers to collect information from the BGZ (Use Case "Verzamelen") or to share information from the PHR to a EHR (Use case "Delen")

Track description

Basisgegevensset Zorg (BgZ) - retrieval by a PHR from a XIS (or simulation thereof).

Objectives of each scenario includes finding out if

- The specification suffices for understanding what is required
- The specification suffices for real world uses of the information
 - appropriate query parameters
 - appropriate properties in the response
- The responses are unambiguous
- The responses lead to referential integrity
 - All references in responses lead somewhere

Relevant links:

https://informatiestandaarden.nictiz.nl/wiki/MedMij:V2019.01_FHIR_BGZ_2017

<https://simplifier.net/nictizstu3-zib2017>

[https://zibs.nl/wiki/ZIB_Publicatie_2017\(NL\)](https://zibs.nl/wiki/ZIB_Publicatie_2017(NL))

Server Address

- <http://nictiz.wildfhir.org/fhir3-i2>
- Authentication "Bearer 93cde269-ce35-4077-a39d-19296670e949" - Patient XXX_Helleman

Useful tool:

- <https://www.getpostman.com/downloads/>
- My First Query:
 - GET <http://nictiz.wildfhir.org/fhir3-i2/Patient/medmij-bgz-patient-ts-01>
 - Authorization type Bearer Token, with Token value 93cde269-ce35-4077-a39d-19296670e949

The screenshot shows a REST client interface with the following details:

- Method: GET
- URL: http://nictiz.wildfhir.org/fhir3-i2/Patient/medmij-bgz-patient-ts-01
- Buttons: Send, Save
- Tab: Authorization (selected)
- Authorization Type: Bearer Token
- Token Value: 93cde269-ce35-4077-a39d-19296670e949

Submitting WG / Project / Implementer Group

Justification

The BgZ is one of the biggest focus areas in MedMij. It allows a patient access to secondary care type data. The BgZ consists of 26 categories of health data that are considered core information about your health (a sort of "Patient Summary"). The BgZ makes use of the "Zorg Informatie Bouwstenen" (ZIB), or Detailed Clinical Models.

It is part of the Dutch Sustainable Information Systems HealthCare (approved by the ministry of Health (VWS))

Related Tracks

Proposed Track Lead(s)

name	Description	Contact Info
Frank Ploeg	Facilitator / PGO/Medmij expert / HL7 Core team member	r.f.ploeg@umcg.nl
Alexander Henket	MedMij / FHIR expert / Nictiz	henket@nictiz.nl

Expected Participants

name	Description	Contact Info
Bart Heesink	PGO leverancier, www.jouwomgeving.nl	

Available Roles

Role	Description
Raadplegen BgZ - MM-2.1.4-BZR-FHIR	This MedMij role is performed by a PHR system. This role queries the care provider system for the basic patient data (BgZ)
Beschikbaar stellen BgZ - MM-2.1.4-BZB-FHIR	This MedMij role is performed by a XIS (provider system). This role responds to queries for the basic patient data (BgZ)

Scenario(s)

https://informatiestandaarden.nictiz.nl/wiki/MedMij:V2019.01_FHIR_BGZ_2017

#	Scenario	Description
1	Patient /GeneralPractitioner /Contact	Identification, birthdate, gender, deceasedindicator, contact details, marital status, and general practitioner (practitioner or organization) Note: in real world scenarios it is likely that systems are not capable of exposing Patient separately, only in the context of something else, e.g. subject of an Observation.
2	Payer	Insurance information
3	TreatmentDirective	Known treatment directives
4	AdvanceDirective	Known advance directives
5	FunctionalOrMentalStatus	Last known functional / mental status
6	Concern	All known problems.
7	LivingSituation	Current living situation
8	DrugUse	All known drug use
9	AlcoholUse	All known alcohol use
10	TobaccoUse	All known tobacco use
11	NutritionAdvice	All known current dietary recommendations
12	Alert	All known alerts
13	AllergyIntolerance	All known information regarding allergies
14	MedicationUse	Known medication use
15	MedicationAgreement	Known medication agreements
16	AdministrationAgreement	Known administration agreements
17	MedicalAid	All known medical aids

18	Vaccination	All known vaccinations
19	BloodPressure	Last known blood pressure
20	BodyWeight	Last known body weight
21	BodyHeight	Last known body height
22	LaboratoryTestResult	Last known laboratory results per type
23	Procedure	All surgical procedures
24	Encounter (Contact)	All hospital admissions (no outpatient contacts)
25	PlannedCareActivity	All known planned care activities

Testscripts

Security & Privacy Consideration