Article <u>Henrique Dias</u> · Jun 5, 2021 3m read

Open Exchange

IRIS on FHIR Overview

Hi guys,

It's FHIR contest and this time, they provided something really cool: FHIRaaS

And to be part of this, <u>@José Pereira</u> and I team up (again) to deliver something easy to use and easy to understand how we did.

What did we do?

IRIS on FHIR it's a SMART app to show the potential of FHIRaaS using SMART JS Client Library

Description of the application

IRIS on FHIR it's our idea of how easy and simple we can work with FHIR, crafting a great UI to show the power behind FHIRaaS.

We hope that our project makes it easier for everyone to understand; we want to share knowledge and show that something good is not necessarily complicated.

And being easy to understand and use, we believe that our project can be used as a base/example for many others, unlocking more and more features.

How IRIS on FHIR looks like

Patient List

The page is a list of patients using the Resource Patient.

The data table recognizes the array provided for the Patient resource and shows a little information about the patient.

IRIS on FHIR Overview Published on InterSystems Developer Community (https://community.intersystems.com)

🚺 FHIR	0	G						
Home		Patient lis	t					
Patient	>							
Appointments		Show 10 \sim entries			S	earch:		
		ID 🗘	GIVEN NAME		FAMILY NAME	D	ов	GENDER
		1	Arianne9880Arianne988		Muller2510Krajcik437	19	47-10-27	female
		972	Ben667		Conroy74	19	182-11-16	male
		1223	Charise827		Balistreri607	20	001-11-0'7	female
		1431	Darrell400		Bergstrom287	19	86-03-05	male
		1516	Dominica520		McLaughlin530	19	76-12-03	female
		1970	Donnell534		Kozey370	20	09-09-17	male
		2177	Elisa944		Almonte426	20	001-01-27	female
		2395	Enrique929		Waelchi213	19	70-09-30	male
		2592	Kenneth671		Bednar518	19	158-06-24	male
		2871	Kiera822		Steuber698	20	019-03-06	female
		Showing 1 to 1	0 of 26 entries				< Previous 1	2 3 Next>
		FHIRaaS 🌢					Hand-cr	afted & Made with 💙

Patient View

When clicking on the Patient's Given Name link, you'll be redirected to the Patient View page. A page with more information about that patient.

On the top, we have the patient photo, patient FHIR ID, SSN, Date of Birth, gender, contact, address, city, Country.

The middle section provide two section cards:

- Last Encounter
- Last Observations:Laboratory

The component badge pills bring the total count for the respectives cards.

For the card of Observations:Laboratory the badge pill open a new page bringing the lab results.

Lab Results

Chose one of the options in the Select box, clicking on the Search button, and you'll have the chart with the values for the selected lab test.

Chose one of the options in the Select box, clicking on the Search button, and you'll have the chart with the values for the selected lab test.

Appointments

The appointments are shown on the calendar view, loading the information through the FHIR resource: Appointment.

You also can create new appointments, update, and delete them.

Demo

https://iris-on-fhir.contest.community.intersystems.com/iris-on-fhir/index.html

- user: irisonfhir
- password: irisonfhirA1@

If you liked the app and think we deserve your vote, please vote for iris-on-fhir!

https://openexchange.intersystems.com/contest/current

#AWS #FHIR #JavaScript #JSON #InterSystems IRIS for Health Check the related application on InterSystems Open Exchange

Source URL:<u>https://community.intersystems.com/post/iris-fhir-overview</u>