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Using fhir-react UI for quick visualization

The [fhir-react](#) project is a React UI framework based on Google Material Design, which [covers almost all FHIR resources](#) for versions DSTU2, STU3 and R4.

It design it's really friendly - there's just one component! As FHIR resource types are standards, the framework resolves internally what rendering class must be used.

To display your FHIR resource just write this component:

```
<FhirResource fhirResource={fhirResource} fhirVersion={fhirVersions.STU3} />
```

Where fhirResource is a JSON containing any FHIR resource.

In FHIR REST API, there's an operator which grabs all resources from patients: \$everything:

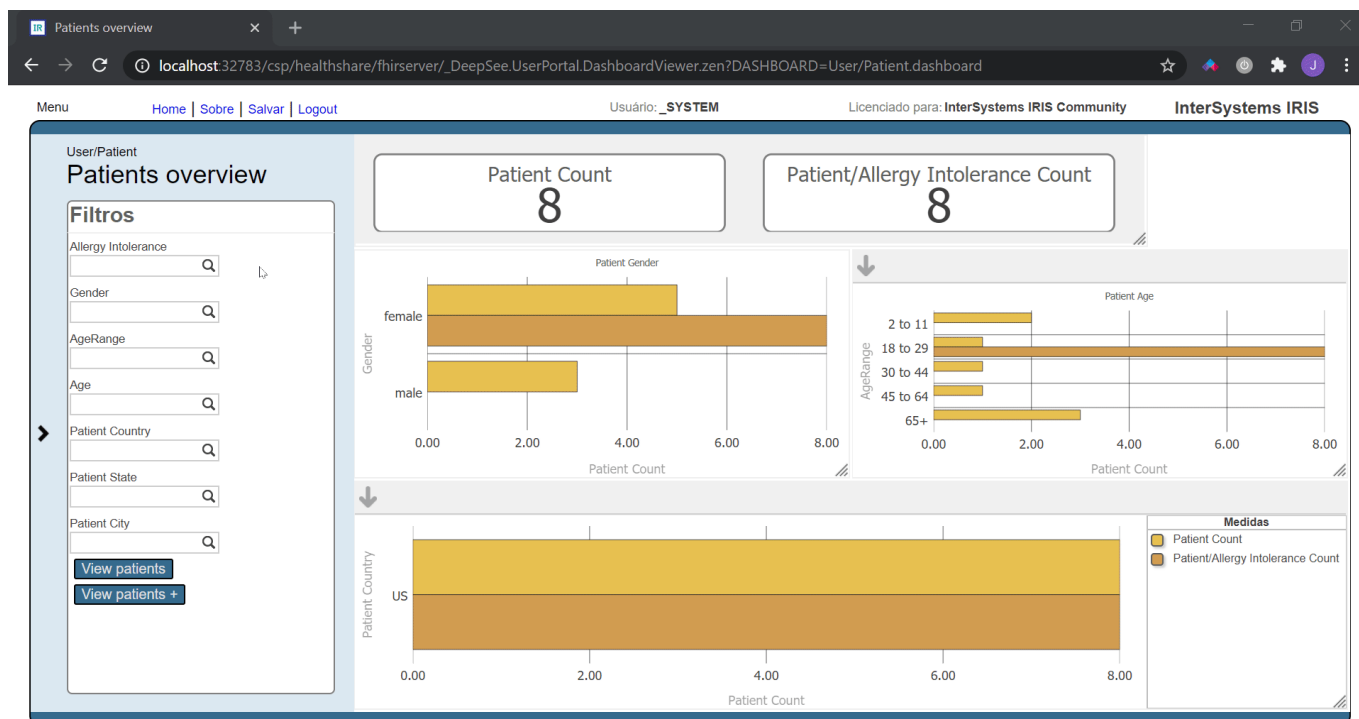
```
http://localhost:32783/fhir/r4/Patient/1/$everything
```

This return all sort of resources relate to patient.

So, as fhir-react can handle with almost every FHIR resource, I used it to display resources returned by \$everything calls, improving my application patient visualization feature.

First, only resources of type Patient are returned, and each one of them are rendered with a button nearby. When this button is clicked, a \$everything call is issued to server. Then, resources are grouped by type and rendered using a tab component.

The results are shown below:



[Here](#) you can find the sources files and instructions for build this web application.

You can refer to [this document](#) to get more information about how to use FHIR REST API with IRIS Analytics and Power BI.

[#InterSystems IRIS for Health](#)

[Check the related application on InterSystems Open Exchange](#)

Source URL: <https://community.intersystems.com/post/using-fhir-react-ui-quick-visualization>