
Announcement

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[Open Exchange](#)

Technology Bonuses for the InterSystems FHIR Programming Contest

Hi Developers!

Here're the technology bonuses for the [FHIR programming contest](#) that will give you extra points in the voting:

- FHIR Server REST API usage
- The usage of SQL Schema of FHIR Resources
- Healthcare standards data transformation
- Docker container usage

See the details below.

FHIR Server REST API usage - 1 point

You get the bonus if you use the REST API endpoint of FHIR Server in InterSystems IRIS for health. You can take the [IRIS-FHIR-Template](#) which prepares the FHIR server during the docker image building. The documentation for FHIR API 4.0.1 could be found [here](#). Learn more in [InterSystems IRIS for Health documentation](#).

FHIR SQL Schema usage - 1 point

You can collect this technology bonus if you use FHIR SQL Schema in the SQL queries of your application. You can use this schema e.g. for making FHIR Analytics solution. Use HSFHIRI0001R for resources schema for full resources and HSFHIRI0001S schema to search with SQL for resources. Check the examples in the [template](#).

Healthcare standards transformations - 1 point

InterSystems IRIS for Health contains Healthcare Interoperability modules which help to perform data transformations from different healthcare standards to FHIR and vice-versa. Make CDA to FHIR, HL7v2 to FHIR, or any other transformations in your application to collect this bonus. See the examples of [HL7v2 to FHIR](#) and [CDA to FHIR](#) transformations. [Learn more in the documentation](#).

Docker container usage - 1 point

The application gets a 'Docker container' bonus if it uses InterSystems IRIS running in a docker container.

The [IRIS-FHIR-Template](#) uses docker so you can collect this bonus if you build your solution using these templates.

So!

Feel free to ask any questions about using the listed technologies.

Good luck in the competition!

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