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Announcement

[Evgeny Shvarov](#) · Oct 4, 2021

## Technology Bonuses for InterSystems InterOperability Contest 2021

Hi Developers!

Here're the technology bonuses for the InterSystems Interoperability Contest 2021 that will give you extra points in the voting:

- Business Process BPL or Business Rule DTL Usage
- Custom Interoperability Adapter Usage
- Production EXtension(PEX) Java or .NET usage
- Workflow Engine usage
- Docker container usage
- ZPM Package deployment
- Online Demo
- Code Quality pass
- Article on Developer Community
- Video on YouTube

See the details below.

### Business Process BPL or Business Rules Usage - 3 point

One of the key features of IRIS [Interoperability Productions](#) are business processes, which could be described by BPL (Business Process Language).

[Learn more on Business Processes in documentation.](#)

Business Rules it's a no-code/low-code approach to manage the processing logic of the interoperability production. In InterSystems IRIS you can create a business rule which you can create visually or via the ObjectScript representation.

You can collect the Business Process/Business Rule bonus if you create and use the business process or business rule in your interoperability production.

[Business Rule Example](#)

[Learn more on Business Rules in documentation.](#)

### Custom Interoperability Adapter Usage - 2 point

InterSystems Interoperability production can contain inbound or Outbound adapters which are being used to communicate with external systems by business services and operations of the production. You can use out-of-the-box adapters (like File, or Email) or develop your own.

You get the bonus if you develop your own custom inbound or outbound adapter and use it in your production.

[Example of an adapter.](#)

[Learn more on adapters.](#)

## Production EXtension (PEX) Usage - 4 points

PEX is a Java or .NET extension of Interoperability productions.

You get this bonus if you use PEX with JAVA or .NET in your interoperability production.

[PEX Demo.](#)

[Learn more on PEX in Documentation.](#)

## Workflow Engine Usage - 2 point

Workflow Engine is a part of IRIS Interoperability which could be used to automate the distribution of tasks among users.

You get this bonus if you use include the usage of Workflow Engine in your interoperability production.

[Learn more on Workflow in Documentation.](#)

There are Community modules [WorkflowAPI](#) and [WorkflowUI-ngx](#) which provide a nice UI layer on Angular for the Workflow engine.

## Docker container usage - 2 points

The application gets a 'Docker container' bonus if it uses InterSystems IRIS running in a docker container. Here is [the simplest template](#) to start from.

## ZPM Package deployment - 2 points

You can collect the bonus if you build and publish the ZPM(ObjectScript Package Manager) package for your Full-Stack application so it could be deployed with:

```
zpm "install your-multi-model-solution"
```

command on IRIS with ZPM client installed.

[ZPM](#) client. [Documentation.](#)

## Online Demo of your project - 3 points

Collect 3 more bonus points if you provision your project to the cloud as an online demo. You can do it on your own or you can use this [template](#) - here is an [Example](#). Here is [the video](#) on how to use it.

## Code quality pass with zero bugs - 1 point

Include the [code quality Github action](#) for code static control and [make it show 0 bugs](#) for ObjectScript.

## Article on Developer Community - 2 points

Post an article on Developer Community that describes the features of your project. Collect 2 points for each article. Translations to different languages work too.

## Video on YouTube - 3 points

Make the Youtube video that demonstrates your product in action and collect 3 bonus points per each. Example.

The list of bonuses is subject to change. Stay tuned!

Good luck in the competition!

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