Announcement
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Technical Bonus Points for InterSystems AI/ML Contest

Hi Developers!

Here're the technology bonuses for the InterSystems IRIS AI contest that will give you extra points in the voting.

IntegratedML usage - 4 points

Use InterSystems IntegratedML in you AI/ML solution. Here is the template that uses it.

Be sure that the IRIS version is not less than 2021. The latest ML images with ZPM are:

```
intersystemsdc/iris-ml-community:2021.1.0.215.0-zpm
```

```
intersystemsdc/irishealth-ml-community:2021.1.0.215.0-zpm
```

R Gateway and Python gateway usage - 4 points

InterSystems IRIS 2021 release contains two new features - R gateway and Python gateway. Here is the [template on how to use the R gateway](#). Here is [a short demo](#) of how to use it.

Embedded Python usage - 4 points

Embedded Python is a very new feature of InterSystems IRIS that gives you the option to use python as a "first-class citizen" in backend business logic development with InterSystems classes. [Short demo of Embedded Python](#).

Embedded python could be used in "on-demand" images that could be delivered via InterSystems Early Access Program (EAP) if you refer to [python-interest@intersystems.com](#).

Here is [the template package](#) on how to use Embedded Python deployable with ZPM. Don't forget to change the image to the one you get from the Early Access program.

PMML usage - 4 points

PMML - Predictive Modelling Markup Language - can be used to build AI/ML solutions with InterSystems IRIS. Check with [documentation](#).

There is an example in Open Exchange on [how to use PMML](#).

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.

Unit Testing - 2 points

Applications that have Unit Testing for the InterSystems IRIS code will collect the bonus.

Learn more about ObjectScript Unit Testing in Documentation and on Developer Community.

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 use this template or any other deployment option. Example. Here is the video on how to use it.

Code quality analysis with zero bugs - 2 points

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!

#Artificial Intelligence (AI) #Contest #Embedded Python #Machine Learning (ML) #InterSystems IRIS #IRIS contest #Open Exchange

Source URL:https://community.intersystems.com/post/technical-bonus-points-intersystems-aiml-contest