
Question

[Kari Vajus-Anttila](#) · Feb 25, 2022

Separating Code, and Data databases in Installer Manifest using a containerized IRIS and durable %SYS feature

Hello,

The title says it all. I ' m building an IRIS image with docker-compose using a separate Dockerfile. Pretty straightforward procedure: I import a Installer script inside the container containing a Installer Manifest I defined. Within the manifest, I create a namespace with code and data databases in separate locations. My intention is to keep the code database inside the container, so whenever I build the container, the imported code is replaced. The data, however, should be persistent.

Without setting the `ISC_DATADIRECTORY` environment variable, I can see from the Management Portal, after I built and started the container, that the databases are in separate locations as expected. For clarity ' s sake, I defined that the code database (Namespace-Code) is in `/code/NameSpace-Code/` directory and the Data is in `/usr/irissys/mgr/NameSpace-Data`

If I define the `ISC_DATADIRECTORY` environment variable and mount a corresponding docker volume, I would expect the Data db to be moved to the persistent volume and the Code db to be inside the `/code` folder within the container. However, when doing so, for whatever reason, the Code db is moved to the persistent volume as well. When I checked the database locations from the Management Portal after enabling the durable %SYS feature, suddenly the Code database location was in `/durable/irissys/db/code/NameSpace-Code/` and the data db was in `/durable/irissys/db/usr/irissys/mgr/NameSpace-Data` folder. It seems like the `ISC_DATADIRECTORY` variable value is appended in the beginning of the db path.

Is there anything I can do to prevent the Code db to be moved to the persistent volume and instead just move the Data db there instead? The Data db path is also a bit weird. It would be great if the Data db would be within `/durable/irissys/mgr` folder.

Any idea if I ' m doing something fundamentally wrong with this?

If needed, I can copy and paste some docker configurations I use, even though they are pretty much copy and pasted from examples provided by InterSystems.

Just to clarify, everything is working great, but I just need the Code database to live within the container instead of being persistent.

Thanks for any insight and/or examples!

Kari

[#Containerization](#) [#Docker](#) [#InterSystems](#) [IRIS for Health](#)

Source

URL: <https://community.intersystems.com/post/separating-code-and-data-databases-installer-manifest-using-containerized-iris-and-durable-sys>