

Useful Commands in You Day-to-Day Development With Docker Containers

Article



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Hi guys!

Was coding today with InterSystems IRIS in a docker container and decided to share with you the commands you may find useful in everyday coding.

```
# docker-compose build
```

command to build a container. Remember, it is useful if you have [dockerfile](#) in the repo.

if the build is successful call the following to launch it:

```
# docker-compose up -d
```

Find IRIS management portal on:

```
localhost:port/csp/sys/%25CSP.Portal.Home.zen?$NAMESPACE=%25SYS
```

where the port is what you set in [docker-compose.yml](#) - 52775 in this case.

Run the following if you want to launch a terminal session inside IRIS container:

```
# docker-compose iris iris session iris
```

```
gfhj gj
```

```
sdfdsfsdf
```

```
USER>
```

And run the following to shut down the container:

```
# docker-compose down
```

Troubleshooting

Sometimes something doesn't work as expected.

If it fails to build the container try to build with no cache:

```
docker-compose build --no-cache
```

If it continues to show errors try to free the docker space:

```
docker system prune -f
```

If you build the container and see the following error:

```
Error: ERROR #5002: ObjectScript error: <PROTECT>STARTUP+26^STU  
^SYS("DSONLY", "Environment"),/usr/irissys/mgr/
```

just rebuild the container again with:

```
docker-compose build --no-cache
```

To try the commands you are welcome to play with [this](#), [this](#) or [that](#) repositories. "Git clone" it on your laptop and the commands listed above will work.

Happy coding with InterSystems IRIS and docker!

[#Development Environment #Docker #ObjectScript #InterSystems IRIS](#)

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