

The Docker Container C2SIM Server provided in openc2sim.github.io encapsulates the open source C2SIM Reference Implementation Server v4.8.4.7 and supporting software, ready to run under Docker. Docker for Mac or Linux can be downloaded from <https://openc2sim.github.io> as `c2sim-docker-v2.tar.gz`, which you will need to untar. It may be possible to run this container under Docker for Windows but that has not been demonstrated.

You can start the container on Mac or Linux with this command in a system with Docker running:

```
docker run -v c2simFilePath:/opt/c2simFiles -p 0.0.0.0:8080:8080 -p 0.0.0.0:61613:61613  
7785a2bb7b87e0fd87884d3fd3b1314ba41584c0aeaa9adbca1dfc52d014b255
```

where `c2simFilePath` is the path on your system to the `c2simFiles` directory where logfiles are stored. It must also contain a file `c2simServerInit.xml` for server auto-initialization (this will be updated by C2SIM initialization XML messages).

The long string ending the command is the image ID generated with the Container.

0.0.0.0 indicates use of IPv4; 8080 is the REST input port for C2SIM orders, reports, and initialization and 61613 is the STOMP connect port for distribution of orders and reports.

Preparation of the Docker Container was provided by software consultant Jonathan Pullen.