

Setting up Docker

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Set up Docker for the web client build – Toolbox, VirtualBox VM and environment variables.

HOW-TO

DEVELOPER

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APPLIES TO NUCLOS 4.2026.X

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Docker isolates applications via container virtualization. Building the Nuclos web client requires build tools (NodeJS, Angular CLI ...) that are provided via Docker. (Building the core itself only needs Java and Maven.)



VirtualBox vs. HyperV

This guide uses Docker with **VirtualBox**. Docker for Windows runs with HyperV instead – HyperV and VirtualBox cannot run in parallel.

Step by step (Windows)

1. Download and install the Docker Toolbox from docs.docker.com.
2. Create a VirtualBox VM:

```
docker-machine create --driver=virtualbox vbox-test
```

3. Obtain the environment variables:

```
docker-machine env vbox-test
```

4. Transfer the printed ENV parameters into the Windows environment variables.

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