

# Start Docker Container on Windows

## Description

exept has a private Docker hub from which Docker images can be loaded. In order to always be up to date, please check the Docker Hub before execution from the [Smalltalk/X](#) page of exept.

A Linux Docker container can also be started under Windows. The following requirements are required for this:

- Installation of Docker:  
<https://docs.docker.com/docker-for-windows/install/>
- Installation of chocolatey/choco for Windows  
<https://jcutrer.com/windows/install-chocolatey-choco-windows10>
- Installation of X-Server for Windows.  
To do this, run in a Powershell with admin rights:

```
choco install vcxsrv
```

Configuration of the X server. To do this, run XLaunch from the Windows start menu. Select:

- Multiple Windows
- Start no client
- Disable access control (Important!)

In order to start the container, the IP address of the Windows computer must be determined. The localhost address (127.0.0.1) cannot be used.

```
ipconfig
```

The DISPLAY environment variable must be set in Powershell. For example the IP address determined above would be 1.2.3.4:

```
Set-Variable -name DISPLAY 1.2.3.4:0
```

After all the container can be started:

```
docker run -p 8081:80 -e DISPLAY=$DISPLAY -v  
c:\users\<<foldername>\home\stx -ti --rm download.exept.de:5000/exept/stx:latest
```

<foldername> enter an existing folder name there or create one in this path. You can find the latest Docker link on exept's [Smalltalk/X](#) page. Replace it if necessary.