

Start Docker Container on Linux

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.

With that command line the image can be loaded from the hub, a container can be created and started: (Please check if the download Docker Hub is up to date.)

```
docker run -v ~/stxdocker:/home/stx -v /tmp/.X11-unix:/tmp/.X11-unix -v
$XAUTHORITY:/home/stx/.Xauthority -e DISPLAY -ti --rm download.exept.de:5000/exept/stx:latest -I
```

The command line in detail:

```
-v ~/stxdocker:/home/stx
```

The stxdocker directory in the user's home directory on the host is mounted to /home/stx in the container. The settings of Smalltalk / X and saved snapshots end up persistently in this directory (i.e. they are available again after closing and recreating the container.) The directory can be any, but must be specified with an absolute path and be available at the start.

```
-v /tmp/.X11-unix:/tmp/.X11-unix -v $XAUTHORITY:/home/stx/.Xauthority -e DISPLAY
```

Ensures that X11 can be reached from the container.

```
-ti
```

Console outputs from ST/X are displayed on the console. If you omit this option, the console output will be moved to the Docker log for the container.

```
--rm
```

The container is automatically deleted when you exit Smalltalk/X. Files that were saved in /home/stx of the container are retained (see above).

```
download.exept.de:5000/exept/stx:latest
```

Name of the image.

You can find the latest link on exept's [Smalltalk/X](#) page. Replace it if necessary.

```
-I (optional)
```

Command line options that are passed to the ST/X at start.