

# Environment Configuration

We use Fedora 38 Workstation, but the following steps should be similar on other systems.

We also use a timer to delay the startup of jetty11 at bootup, because it sometimes struggles to perform well at the first start.

```
vim /lib/systemd/system/jetty11.timer
```

```
[Unit]
Description=Timer for jetty11 Startup Delay

[Timer]
OnBootSec=1min

[Install]
WantedBy=timers.target
```

```
vim /lib/systemd/system/jetty11.service
```

```
[Unit]
Description=Jetty 11 Web Application Server
Documentation=https://www.eclipse.org/jetty/documentation/current/
After = syslog.target network.target

[Service]
# Configuration
Environment="JETTY_HOME=/opt/jetty-home-11.0.15"
Environment="JETTY_BASE=/opt/jetty-home-11.0.15/jetty-base"
Environment="JETTY_USER=jetty"
Environment="JETTY_HOST=127.0.0.1"
Environment="JETTY_ARGS=jetty.port=8080"
Environment="JETTY_STATE=/var/lib/jetty11/jetty.state"

Environment="JAVA_OPTS=-Xms1024m -Xmx3584m -Djava.awt.headless=true"

#Configure Jetty Service to use database connection instead of H2 local DB
Environment="DATABASE_URL=jdbc:postgresql://127.0.0.1:5432/teedy_db"
```

```
Environment="DATABASE_USER=teedy"
Environment="DATABASE_PASSWORD=password"

#set base url for password reset
Environment="DOCS_BASE_URL=https://your.domain.tld"

#Configure tesseract performance
Environment="OMP_THREAD_LIMIT=1"

# Lifecycle
Type=forking
ExecStart = /opt/jetty-home-11.0.15/bin/jetty.sh start
ExecStop = /opt/jetty-home-11.0.15/bin/jetty.sh stop
ExecReload = /opt/jetty-home-11.0.15/bin/jetty.sh restart

# Logging
SyslogIdentifier=jetty11

# Security
User=jetty
Group=jetty
PrivateTmp=yes
AmbientCapabilities=CAP_NET_BIND_SERVICE
NoNewPrivileges=true
WorkingDirectory=/usr/share/jetty11/
LogsDirectory=jetty11
LogsDirectoryMode=750
ProtectSystem=
ReadWritePaths=/var/lib/jetty9/
ReadWritePaths=/mnt/data/sismics/

[Install]
WantedBy=multi-user.target
```

More environment vars can be found at

<https://github.com/sismics/docs/blob/dd36e08d7d6cd8248f12a9570694b4631be3b04d/README.md#available-environment-variables>

```
systemctl daemon-reload
systemctl enable jetty11.timer #we do not enable jetty11.service too, because that service is
just fully controlled by our timer
systemctl start jetty11.service
systemctl status jetty11.service
```

## Information about Teedy file structure

Directory	Notes
<code>/var/docs/theme</code>	Background image stored here
<code>/var/docs/storage</code>	place for alle the files and their automatically generated thumbnails (*_thumb) and web previews. Note that alle the files inside this dir are encrypted and got hashed file names. You can access the file content only inside a running Teedy instance which decrypts the files for you
<code>/var/docs/log</code>	log files. Same output which you get from <code>journalctl -u jetty9.service</code> (if you use <code>systemd</code> )
<code>/var/docs/db</code>	H2 database files. Empty but existing if PostgreSQL is used
<code>/var/docs</code>	Root Directory

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Version #1

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