# SHRINE 3.0.0 Upgrade Chapter 8 - Start Tomcat

Start tomcat.

```
sudo service shrine start
```

Note that this first start of SHRINE may take more time than you have observed in the past. SHRINE copies the adapter mappings file to a database instead of carrying them in memory. This process may take tens of seconds.

**shrine-api.log**

```
2020-Jul-09 18:44:44.503 | DEBUG | Log$            | database-0      | Old adapter mappings have been deleted.
Inserting new mappings...
2020-Jul-09 18:45:09.045 | DEBUG | Log$            | database-0      | Reload mappings took 24539 milliseconds.
```