

# SHRINE 3.1.0 Upgrade Chapter 7 - 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.<br>Inserting new mappings... |
| 2020-Jul-09 18:45:09.045 |  | DEBUG |  | Log\$ |  | database-0 |  | Reload mappings took 24539 milliseconds.                             |