

# SHRINE 4.0.0 Appendix A.10 - Logs and Troubleshooting

## Tomcat

All logs are in `/opt/shrine/tomcat/logs`

- `catalina.out`: e.g. did Tomcat start up correctly
- `shrine-api.log`: what happened in the application code

## Apache

- `/etc/httpd/logs`

## Shibboleth

Logging is configured in

- `/etc/shibboleth/shibd.logger`
- `/etc/shibboleth/native.logger`

The logs are in

- `/var/log/shibboleth/*`