

# Periodical Thread Dump

Logging periodical thread dumps is a built in feature of SmartSVN to track *well reproducible, pervasive* performance problems. To investigate a problem using periodical thread dumps, do the following:

- While SmartSVN is running, locate the settings directory: invoke **Help|About SmartSVN** and check the **Information** page for the settings directory (**Settings Path**).
- Shutdown SmartSVN (use **Project|Exit** and afterwards make sure that no more SmartSVN process is running).
- In the settings directory, open `smartsvn.properties` (create this file if necessary) and add following line to enable the **Debug** menu:

```
smartsvn.debug=true
```

- Remove all `log.txt.*` files from the settings directory.
- Startup SmartSVN.

Now, if the slow operation is **not locking** the GUI (so you can still invoke menu items):

- Trigger the slow operation.
- Invoke **Debug|Create Periodical Thread Dumps**.

Otherwise, if the slow operation is blocking the GUI, perform these steps in the reverse order:

- Invoke **Debug|Create Periodical Thread Dumps**.
- Trigger the slow operation.

Then:

- After at least 10 seconds, shutdown SmartSVN again.
- Compress all `log.txt.*` files from the settings directory as a *zip* or *tar/gzip* archive and send this archive, as well as a short description of how to reproduce the problem, to [support@smartsvn.com](mailto:support@smartsvn.com).