INSTRUCTIONS

TCP Monitoring and IDEs

Purpose

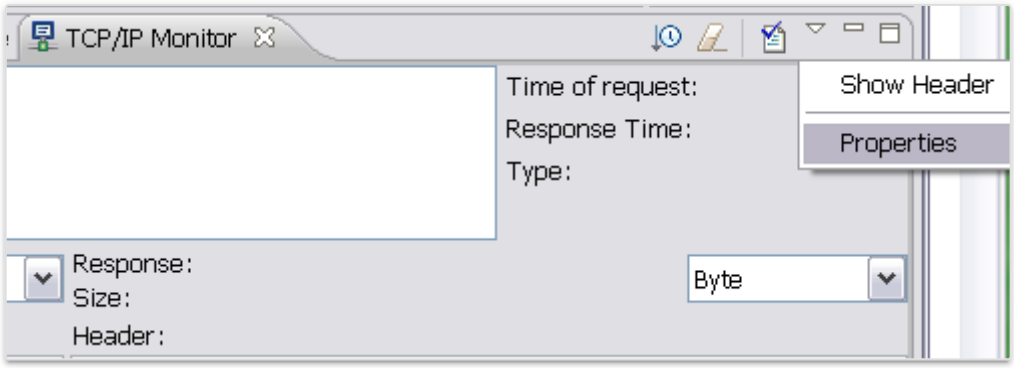
This appendix will demonstrate IDE features for monitoring HTTP traffic in STS/Eclipse and IDEA IntelliJ.

Monitor HTTP Traffic

STS or Eclipse

For debugging or monitoring HTTP traffic, STS/Eclipse ships with a built-in tool that can be of great value: the TCP/IP Monitor.

1. Press `CTRL+3` (`COMMAND+3` on MacOS) and type `tcp` in the resulting popup window; then press `Enter` to open the TCP/IP Monitor View.
2. Click the small arrow pointing downwards (on the top right) and choose "properties".



3. Choose "Add..." to add a new monitor.
4. As local monitoring port, enter 8081 since this port is probably unused.

5. As host name, enter "localhost" and as port enter 8080 since this is the port your application is running on.
6. Press OK and then press "Start" to start the newly defined monitor.

IDEA IntelliJ

In IntelliJ, you are going to install and use `TunnelliJ` plugin.

1. Install `TunnelliJ` plugin.
    - Open IntelliJ Preference window and select `Plugins`.
    - Select `Browse Repositories..` button.
    - Type in `TunnelliJ` and click `Install` button
2. Click `TunnelliJ` at the bottom to open it.
3. As `localhost port`, enter 8081 since this port is probably unused.
4. As `redirected to`, enter "localhost" and 8080 since this is the port your application is running on.
5. Press "Start" to start the newly defined monitor