

Impact Analysis: Bug - BOB "quiet true" fail

Bug: While using BOB (Basic Open Bridge) one has the option to set a 'quiet' flag. If this flag is true BOB is expected to run silently and without logging. The issue occurs when a bridge is made to a local port in line with a number of other settings and the quiet flag set by the user. When reading from the socket, a java timeout error is shown from BOB instead of being silent.

Suspected cause: The quiet flag option is stored in a database called info. This database is set heavily used in DoCMDS (the class for the user to run commands) and passed throughout the program to a few other classes.

This database, and/or some interaction with it is the likely cause. DoCMDS, I2PtoTCP are the most likely as they make up a large portion of interactions with the database.

There are several applications that use BOB as their interface to I2P related tasks. These applications are not in the suspected impact set.

DoCMDS.java

I2PtoTCP.java

NamedDB.java

Logger.java *This class is likely not the cause of the issue but since it is the standard for IO it is marked as a class of interest.

Estimated Impact: 4 files.

Actual Impact: So far it seems the issue could be caused by classes outside my original estimation. Classes like TCPListener and I2PListener are now within the suspected impact scope. Because the settings database is passed throughout the program, and therefore the 'quiet' flag. The issue may still be isolated to one location, but that location may be much further out than originally suspected.

