

Feature: Streaming invitation

During synchronisation of a shared project, a zip-archive of new files is compiled in memory on the host's computer and then sent via the SOCKS5/IBB connection. If this archive grows too large for the JVM, an `OutOfMemoryError` occurs and the whole invitation is abandoned.

As an alternative to archive building, we should introduce streaming. An implementation of a streaming solution already exists in the code, but it was recently deactivated when Saros multiple-project support and partial-sharing support features were added. In this task you would therefore repair the feature and make it function reliably with the other two new features.

Also, there is a design decision for you to make. Invitation is a critical part of Saros. The archive building code is "tried and tested", but new code always needs time to prove itself. It should therefore be possible for the user to use either the zip-archive or your new streaming option. Some suggestions:

- Add a preference that allows the user to turn streaming on/off.
- Use zip-archive by default, but switch to streaming automatically if the JVM runs out of memory.