

## 1.1 BEEP Overview

BEEP serves as a form of glue for XGrid (zilla and zillion). It is the inter-communication framework. On OSX it is one of three frameworks for XGrid. BEEP itself stands for Block Extensible Exchange Protocol. BEEP consists of the following:

- sessions
- channels
- exchanges
- messages

[2] A session is a peer-wise, full duplex pipe. Two kinds of roles peers play are:

- Listener or Initiator
- Client / Server

BEEP connections can have multi-relations (client, server, or peer).

A channel is a full duplex pipe, and the application protocol designer specifies rules who can initiate message exchange along with a stream of type messages.