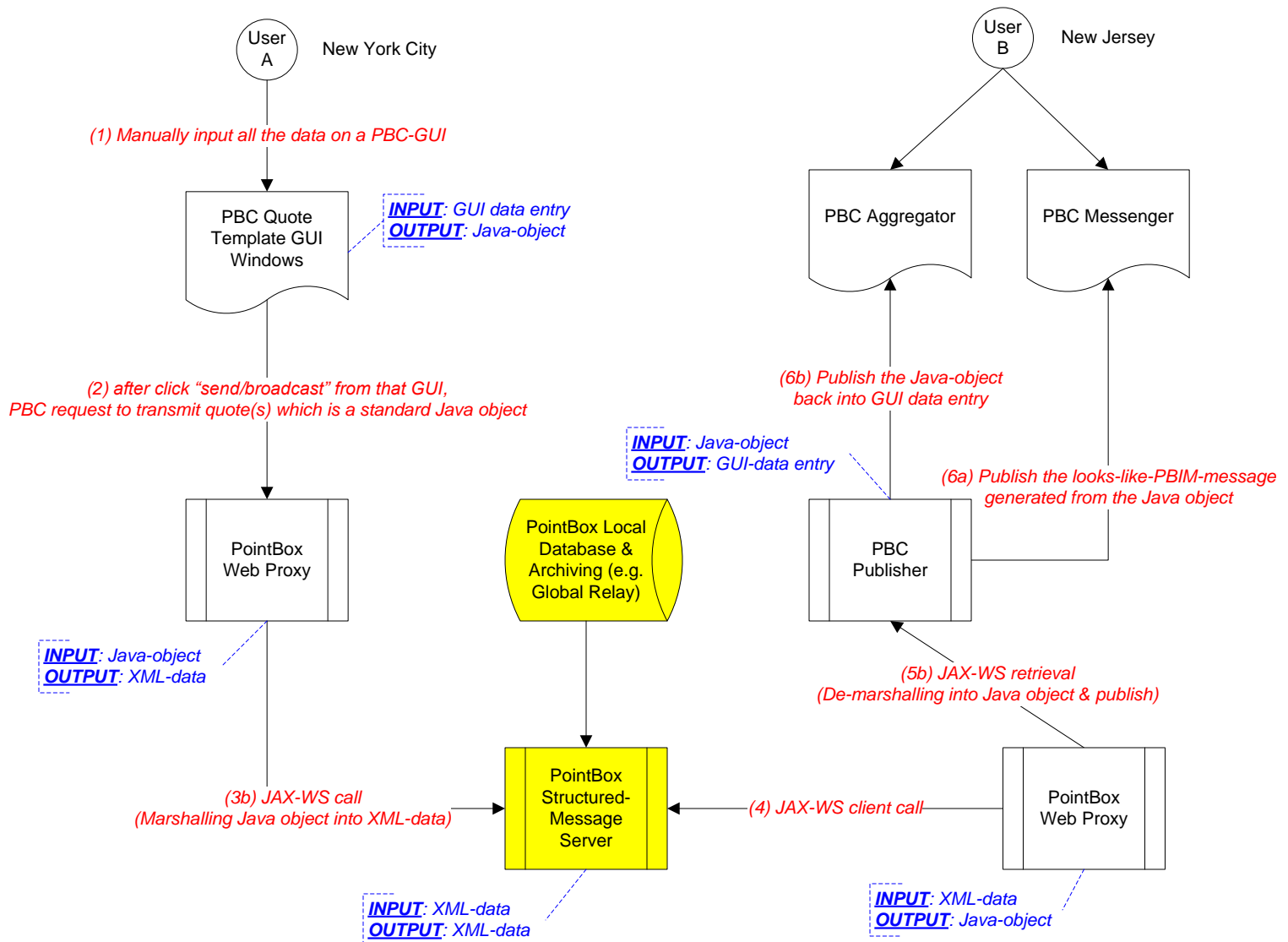


PointBox Console Structured-Message Transmission



Notes:

- (1) In the picture, "Java-object" is abstraction of "structured-message" in Java implementation.
- (2) The yellow zone is the server-side. The white zone is the client-side (PBC)
- (3) PBIM-server (i.e. Openfire) is **NOT** involved at all. The brand-new "PointBox Structured-Message Server" will use of JAX-WS technology to transmit our structured messages among PBC users.
- (4) Archiving component (i.e. PointBox-Auditor of Global Relay) need to implement new monitor to record XML-based structured-messages.
- (5) PointBox Web Proxy need to implement a new JAX-WS API to support our structured-message.
- (6) "PBC Quote Template GUI Windows": a GUI windows which is used to let users input all the information on quotes of a specific commodity type.
- (7) PBC publisher need to handle the structured-message in two ways: one for aggregator; the other for messenger.
- (8) PBC pricer need to do the calculation in the different ways corresponding to specific structures of messages.
- (9) PBC need load all the mapping information on pricing models from the server-side as soon as PBC login succeeded.