**Sending message**

1 Socket to write

Differentiating between types -> Lines 1043 to 1053

Writing to socket -> Line 1062

**Receiving message**

1 Socket to receive

Checks if entire message sent -> Lines 1071 to 1086

Differentiating between types -> Lines 1091 to 1260

**Files**

Attaching file -> Line 1358

**Security**

Encrypted writes -> Line 1037

Decrypting reads -> See “Differentiating between types” and flag checks for *\_\_secretReady*

Initiating protocol -> Line 1313

Receiver stages -> Line 1132 to 1273