

Buyer/Seller [1]

Remark. This protocol is not to be confused with the *two buyers* protocols.

$$\mu\mathbf{t}.B \rightarrow S \left\{ \begin{array}{l} \textcolor{brown}{ReqQuote}(\textcolor{brown}{Product}).S \rightarrow B \{ \textcolor{blue}{Price}(\textcolor{brown}{Int}).S \rightarrow B \{ \textcolor{blue}{Quote}(\textcolor{brown}{Quote}).\mathbf{t} \} \} \\ \textcolor{blue}{AccQuote}(\textcolor{brown}{Quote}).B \rightarrow S \{ \textcolor{blue}{Payment}(\textcolor{brown}{Int}).\mathbf{t} \} \\ \textcolor{brown}{Quit}.\mathbf{end} \end{array} \right\}$$

References

- [1] Simon J. Gay, Vasco T. Vasconcelos, António Ravara, Nils Gesbert, and Alexandre Z. Caldeira. Modular session types for distributed object-oriented programming. In *Proceedings of the 37th Annual ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages*, POPL '10, pages 299–312, New York, NY, USA, January 2010. Association for Computing Machinery.