# Interactive Interworking for Interoperating Systems

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New applications require now the exchange of data over a computer network that will have a guaranteed unique interpretation across all programs on any of the computers in the network. The data subject of exchanges are thus needed to be defined by a common syntax and semantics. The programs residing on different computers in the network are said to interoperate since they are enabled to obey the data's defined semantics in their execution.

It has been a long tradition now for users of computer systems to interactively work with those systems. If computer systems enable that interactive use and also participate in a computer network different users at different computer systems will be enabled to interactively interwork over the computer network. For some applications the interactions between users and computers and the interworking between different users at different computers cannot take place unconstrained. Interactions and interworkings will have to follow rules and procedures to enable the users to properly progress in a common task.

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