Names of XCHAN Implementations

Fringe Presentation

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Abstract. Two names for possible XCHAN implementations are suggested. The original presentation [1] describes the “classic” scheme where the xchan-ready channel is used only if the original sending fails. The occam-π model [2,3] uses the “pre-confirmed” scheme, where a signal on xchan-ready is a necessary precondition to any communication. It is believed that “feathering” [4] seems to be possible only with the classic scheme.

Keywords. XCHAN, implementation, classic, pre-confirmed, occam-pi, feathering,

References


The author works with concurrent software for fire detection systems, but this “industrial paper” does not necessarily reflect views taken by the company. See: http://www.teigfam.net/oyvind/work/work.html and http://www.autronicafire.com.