# 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-$\pi$ 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

[1] Ø. Teig. XCHANs: Notes on a New Channel Type. In *Communicating Process Architectures 2012*, pages 155–170. Open Channel Publishing, August 2012.

[2] P. H. Welch. An occam Model of XCHANs. In *Communicating Process Architectures 2013*. Open Channel Publishing, August 2013. *Fringe presentation.*

[3] P. H. Welch. An occam Model of XCHANs, 2013. `https://www.cs.kent.ac.uk/research/groups/plas/wiki/An_occam_Model_of_XCHANs`.

[4] Ø. Teig. Selective Choice "Feathering" with XCHANs. In *Communicating Process Architectures 2013*. Open Channel Publishing, August 2013.

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[1]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`.