AMQ RFC010
Module Classes

version 0.1

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1 Cover

1.1 State of this Document

This document is a request for comments. Distribution of this document is currently limited to iMatix and JPMorgan internal use.

This document describes a work in progress.

1.2 Copyright Notice

1.3 Authors

This document was written by Pieter Hintjens <ph@imatix.com>.

1.4 Abstract

We define the module classes that OpenAMQ uses. Each module class is implemented by an iCL class definition that specifies its API and provides a test framework.

2 Module Classes

These module types are implemented or formally proposed:

amq_mod_if The base module interface class, not used actively.

amq_term_if Interface class for terminals. A terminal talks to external clients via an AMQP protocol.

amq_driv_if Interface class for drivers. A driver handles a set of destinations.

amq_disp_if Interface class for dispatchers. A dispatcher calculates message forwarding based on client requests.

We will probably also define the following module types:

amq_pars_if Interface class for parsers. A parser extracts matching criteria from messages and requests.

amq_filt_if Interface class for filters. A filter can modify messages being sent to destinations or to clients.

amq_cons_if Interface class for consoles. A console receives log data and errors and can take appropriate action.

2.1 Security Considerations

This proposal does not have any specific security considerations.

3 Comments on this Document

3.1 Date, name

No comments at present.