

Cross Language Clients

Apache ActiveMQ is a message broker written in Java with JMS, [REST](#) and [WebSocket](#) interfaces, however it supports protocols like [AMQP](#), [MQTT](#), [Open Wire](#) and [STOMP](#) that can be used by applications in different languages.

Libraries

- [.NET](#)
- [C \(defunct\)](#)
- [C++](#)
- [Erlang](#)
- [Go](#)
- [Haskell](#)
- [Haxe \(defunct\)](#)
- [Jekejeke Prolog](#)
- [NetLogo](#)
- [Node.js](#)
- [Perl 5](#)
- [Pike](#)
- [Python](#)
- [Racket](#)
- [Ruby on Rails](#)
- [Tcl/Tk](#)

Code Samples

Language	Variant	Interface	Protocol	Links
Awk	Gawk	Sockets	STOMP	<ul style="list-style-type: none">• Send to Queue• Send to Topic• Receive from Queue• Receive from Topic
C/C++	None	Library	STOMP	<ul style="list-style-type: none">• Send to Queue• Send to Topic• Receive from Queue• Receive from Topic
COBOL	GNU COBOL	Sockets	STOMP	<ul style="list-style-type: none">• Send to Queue• Send to Topic• Receive from Queue• Receive from Topic
COBOL	Visual COBOL	JMS	OpenWire	<ul style="list-style-type: none">• Send to Queue• Send to Topic• Receive from Queue• Receive from Topic
Ceylon	None	JMS	OpenWire	<ul style="list-style-type: none">• Send to Queue• Send to Topic• Receive from Queue• Receive from Topic
Clojure	None	JMS	OpenWire	<ul style="list-style-type: none">• Send to Queue• Send to Topic• Receive from Queue• Receive from Topic
D	None	Sockets	STOMP	<ul style="list-style-type: none">• Send to Queue• Send to Topic• Receive from Queue• Receive from Topic

Dylan	Open Dylan	Sockets	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Efene	None	Library	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Eiffel	EiffelStudio	Sockets	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Eiffel	GNU Eiffel	Sockets	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Elixir	None	Library	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Erlang	None	Library	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Factor	None	Sockets	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Fantom	None	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Frege	None	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Go	None	Library	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Golo	None	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Gosu	None	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Groovy	None	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic

Haxe	None	Library	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Haskell	None	Library	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Interfix	None	Library	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Ioke	None	Library	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Java	None	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Java	Apache Camel	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Java	JAX-RS	REST	REST	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Java	Java API for WebSocket	WebSocket	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
JavaScript	None	WebSocket	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
JavaScript	DynJS	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
JavaScript	Rhino	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
JavaScript	Nashorn	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
JavaScript	Node.js	Sockets	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic

JudoScript	None	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Julia	None	Sockets	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Kotlin	None	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Lisp/Scheme	ABCL	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Lisp/Scheme	Allegro CL	Sockets	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Lisp/Scheme	Bigloo	Sockets	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Lisp/Scheme	GNU CLISP	Sockets	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Lisp/Scheme	JScheme	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Lisp/Scheme	Joxa	Library	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Lisp/Scheme	Kawa	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Lisp/Scheme	LFE	Library	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Lisp/Scheme	MIT/GNU Scheme	Sockets	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Lisp/Scheme	Racket	Library	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic

Lisp/Scheme	SISC	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Logo	NetLogo	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Lua	Lua	Sockets	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Lua	Luaj	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
ML	OCaml	Sockets	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
ML	OCaml-Java	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Mirah	None	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Perl	Perl 5	Library	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Pike	None	Library	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Prolog	JIProlog	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Prolog	Jekejeke Prolog	Library	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Prolog	tuProlog	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Python	None	Library	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic

Python	Jython	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
R	GNU R	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
R	Renjin	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Rebol	None	Sockets	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Rexx	BSF4ooRexx	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Rexx	NetRexx	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Rexx	ooRexx	Sockets	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Ruby	None	Library	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Ruby	Ruby on Rails	Library	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Ruby	JRuby	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Rust	None	Sockets	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Scala	None	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Smalltalk	GNU Smalltalk	Sockets	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic

Smalltalk	Squeak	Sockets	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Tcl	Tcl/Tk	Library	STOMP	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Tcl	Tcl/Java	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic
Xtend	None	JMS	OpenWire	<ul style="list-style-type: none"> • Send to Queue • Send to Topic • Receive from Queue • Receive from Topic