

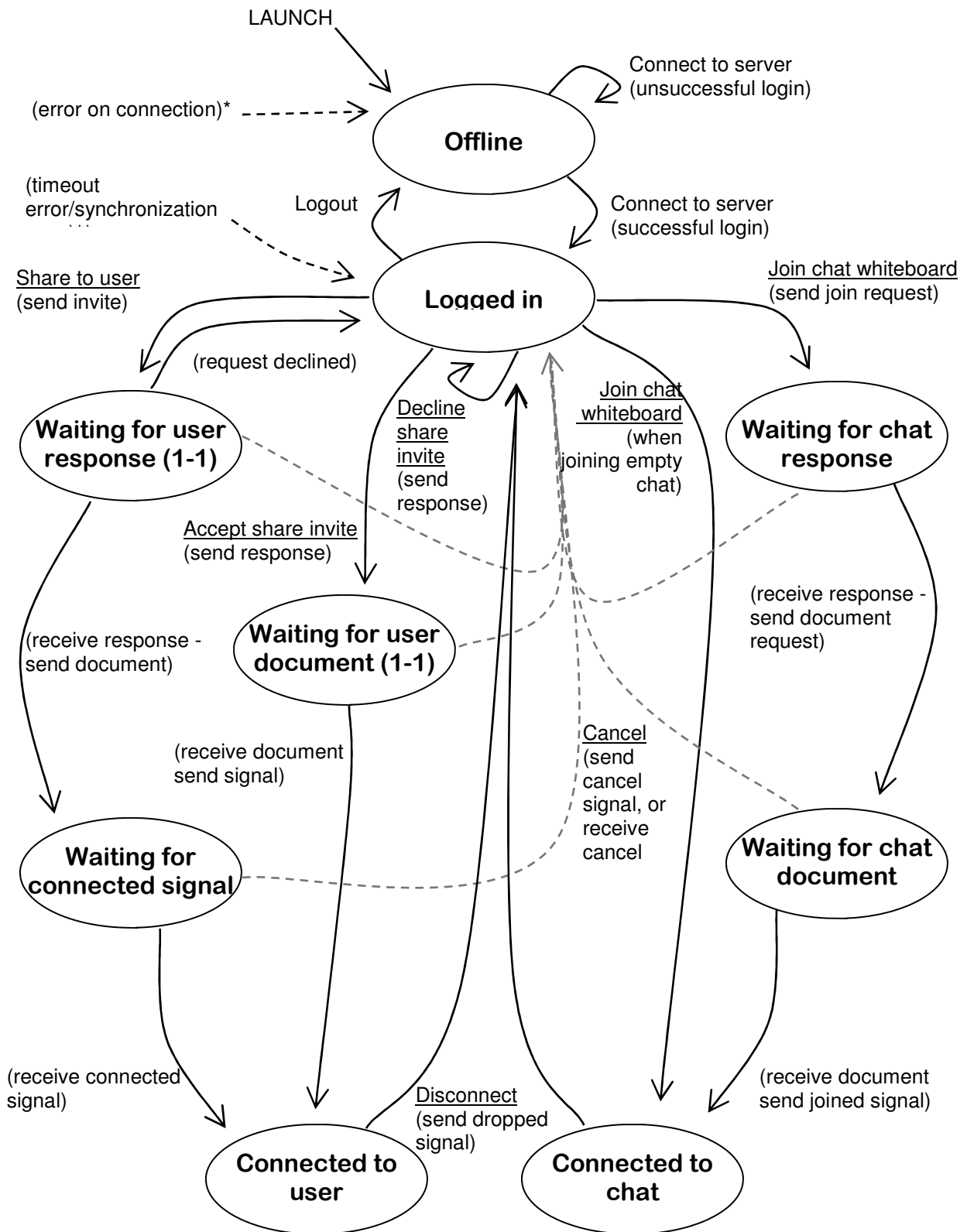
Inkboard finite state machine specification

April 1, 2005

State	Messages allowed		User actions allowed
	In	Out	
Offline	(None)	(None)	Connect to Jabber server
Logged In	User share invite	User share invite Chat request	Connect to user Connect to chat Logout
Wait for user response	User request response Cancel signal	Document Dummy Change Cancel signal	Cancel connect Logout
Wait for user document	Document Dummy change Cancel signal	Connected signal Cancel signal	Cancel connect Logout
Wait for connected signal	Connected signal Cancel signal	Cancel signal	Cancel connect Logout
Connected to user	Change Dummy change Disconnected signal	Change Disconnected signal	Disconnect whiteboard Logout
Wait for chat response	Chat request response Cancel signal	Document request Cancel signal	Cancel connect Logout
Wait for chat document	Document Dummy change Cancel signal	Connected signal Cancel signal	Cancel connect Logout
Connected to chat	Change Document Dummy change Connected signal Disconnected signal	Change Document Dummy change Disconnected signal	Disconnect whiteboard Logout

State	Menu command status	
	Enabled	Disabled
Offline	Connect to Jabber server	Connect to user Connect to chat Cancel connect Disconnect from whiteboard Logout
Logged In	Connect to user Connect to chat Logout	Connect to Jabber server Cancel connect Disconnect from whiteboard
Wait for user response Wait for chat response Wait for user document Wait for chat document Wait for connected signal	Cancel connect Logout	Connect to Jabber server Connect to user Connect to chat Disconnect from whiteboard
Connected to user Connected to chat	Disconnect from whiteboard Logout	Connect to Jabber server Connect to user Connect to chat Cancel connect

State	Inkboard document change listener status
Offline Logged In	Disable document change listeners
Wait for user response Wait for chat response Wait for user document Wait for chat document	Maintain previous status (disabled)
Wait for connected signal Connected to user Connected to chat	Enable document change listeners



*An error on connection can occur at any state below "Offline"

*A timeout error can occur at any state below "Logged in"