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(54) Title: PROTOCOL-INDEPENDENT ASSET TRADING SYSTEM AND METHODS

	PROVIDER			
	Gesture	API Call	Sent/Received	Simple Description
1	Request Quote	OnQuoteRequest()	received	Request Start of Quote Stream
2				
3				
4	Inclined to Quote	SendPickup()	sent	Declare intent to quote
5	Quote	SendQuote()	sent	a Quote
6	Quote Ack	OnQuoteAck()	received	Quote received
7	Quote Withdrawn	SendWithdrawQuote()	sent	Notice of Quote expiry
8	Quote Denied	SendAbortQuote()	sent	Refusal to quote
9	Terminate Protocol	OnQuoteRequestWithdraw()	received	The whole protocol ends.
10				
11	Offer to Deal	OnDealRequest()	sent	Terms offered
12	Accept Terms	SendAcceptTerms()	sent	Terms accepted, deal not yet executed
13	Terms Logged	OnAcceptTermsAck()	received	Accepted terms logged at Server
14	Deal Executed	SendAcceptDeal()	sent	Deal executed
15	Terms Rejected	SendRejectDeal()	sent	Terms rejected
16	Deal Done	OnDealCompletion(true)	received	Deal Done at Server
17	Deal not Done	OnDealCompletion(false)	received	Deal Not Done at Server
18				

	CUSTOMER			
	Gesture	API Call	sent/received	Simple Description
	Request Quote	SubmitDeal()	sent	Request Start of Quote Stream
	AddProvider	NewProvider()	sent	Add a provider to an existing Quote Stream
	Remove Provider	RemoveProvider()	sent	Remove a provider from an existing quote stream
	Inclined to Quote	OnDealPickup()	received	Declare intent to quote
	Quote	OnNewPrice()	received	a Quote
	Quote Withdrawn	OnWithdrawPrice()	received	Notice of Quote expiry
	Quote Denied	OnQuoteDenied()	received	Refusal to quote
	Terminate Protocol	NothingDone()	sent	Done with whole trade
	Quote Terminated	OnQuoteTerminated()	received	Quote Stream ended
	Offer to Deal	AcceptDeal()	sent	Terms offered
	Accept Terms	OnDealAccepted()	received	Terms accepted, deal not yet executed. Only sent AFTER the server has successfully logged the terms
	Deal Done	OnDealLogged()	received	Deal Done at Server
	Deal not Done	OnDealLogError()	received	Deal Not Done at Server
	Timer Alert	OnDealExpired()	received	Deal execution is taking an unexpectedly long time. May indicate a problem.

(57) Abstract: Systems and methods for executing trades on an interconnected computer network, such as the Internet, using a catalog of protocol-independent fundamental asset trading messages, called "gestures," that support multiple higher-level trading protocols which characterize most asset trading transactions. Trading transactions requiring protocol-dependent workflows are composed from protocol-independent gestures selected from the catalogue of gestures and then passed one at a time to an online asset trading server. The online asset trading server transitions pending quotes and trades through a series of distinct states, based on the current state, the selected protocol-independent gestures it receives and a set of state transition rules, thereby implementing the higher-level protocol-dependent workflows.

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