List of Consumer Examples

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Column group **Feature** = columns 1–41. Column group **Structure** = columns 42–56.

Consumer Example Name	Streaming request	Tunneling Connection	Snapshot request	Close request	Set Closure	Qos	Priority	Batch	View	SymbolList	Private Stream	On Stream posting	Off Stream Posting	VPI	Sending generic msg	Reissue priority	Reissue Pause & Resume	User Disp	Api Disp	Sub Stream(Msg in Msg)	File Config	Programmatic Config	User Specified Config Location	Specify Admin messages	Programatic Local admin domain	Rmtes Decoder	forth(FieldName)	forth(const Data &)	Tunnel stream	Ripple Fields	Horizontal Scaling	Authentication Token Handling	Login Reissue	HandlerRTT	Channel Information	Login Domain Representation	Session Management	ServiceEndpointDiscovery Helper	oAuth2 JWT	Warm Standby	Ability to Pass In Dictionary Object	Msg.ToString()	Msg->FieldList.ToString()	Map->FieldList->ToString()	Msg->FieldList	Msg->Map->FieldList	Msg->Map(Action type.Key)->FieldList	Msg->Map(Sum,Key,Action)->FieldList	Msg->Map->FieldList->Primitive types	Msg-> FieldList or ElementList	Msg->Map->FieldList, ElementList	Msg->Msg->FieldList	Msg->ElementList->Vector->ElementList	Msg->Map->FilterList->ElementList or Map	Msg->Series->ElementList	Msg->OmmOpaque
ex100_MP_Streaming	X																		X																							X														
ex101_MP_QosPriority	X					X	X												X																							X														
ex102_MP_Snapshot			X																X																							X														
ex110_MP_FileCfg	X																		X		X																					X														
ex111_MP_UserSpecifiedFileCfg	X																		X		X		X																			X														
ex112_MP_TunnelingConnection	X	X																	X		X																		X			X														
ex113_MP_SessionMgmt	X	X																	X		X																X					X														
ex120_MP_FieldListWalk	X																		X																										X											
ex130_MP_UserDisp	X																	X																											X											
ex140_MBO_Streaming	X																		X																											X										
ex170_MP_ChannelInfo	X																		X		X														X							X														
ex180_MP_Websocket	X																		X		X																					X														
ex200_MP_Streaming	X																		X																										X											
ex210_MBO_Streaming	X																		X																											X										
ex220_MBP_PrivateStream	X										X								X																											X										
ex230_MBO_SwitchEntryAction	X																		X																												X									
ex240_MP_RippleFields	X			X															X											X																X										
ex250_Custom_Opaque	X																		X																																					X
ex270_SymbolList	X																		X																											X										
ex280_MP_Perf	X																		X																										X											
ex290_Custom_Decode	X			X															X																																			X		
ex291_Custom_DownCast	X			X														X																																				X		
ex300_MP_Close	X			X	X														X																										X											
ex301_MP_PriorityChange	X			X												X			X																										X											
ex310_MP_Rmtes	X																		X							X																			X											
ex320_Custom_GenericMsg	X			X											X				X																																	X				
ex330_Login_Streaming	X																		X																															X			X			
ex331_Directory_Streaming	X																	X																																X				X		
ex332_Dictionary_Streaming	X																	X																																X					X	
ex333_Login_Streaming_DomainRep	X																	X																		X														X			X			
ex340_MP_OnStreamPost	X			X								X							X																																		X			
ex341_MP_OffStreamPost	X			X									X	X					X																																		X			
ex350_MP_PauseAll	X																		X																															X						
ex360_MP_View	X								X										X																															X						
ex370_MP_Batch	X							X											X																															X						
ex400_Custom_NestedMessaging	X			X							X								X	X																														X			X		
ex410_MP_HorizontalScaling	X			X														X													X																			X						
ex420_MP_AdmDomainCfg	X																	X							X																									X						
ex421_MP_ProgrammaticCfg	X																	X				X																												X						
ex422_MP_ErrorClient	X																	X																																X						
ex423_MP_AdmDomainCfg_DomainRep	X																	X				X														X														X						
ex430_MP_Authentication	X																		X													X	X		X		X					X								X						
ex440_System_TunStrm	X																		X	X									X																	X				X						
ex450_MP_QueryServiceDiscovery	X	X																	X			X																X	X			X														
ex451_MP_OAuth2Callback_V2	X	X																	X			X																X				X														
ex452_MP_OAuth2Callback_V2JWT	X	X																	X			X																X	X			X														
ex460_MP_RTT	X																		X		X													X								X											X			
ex470_MP_WarmStandby	X																		X			X																		X										X						
ex490_Specify_Dict_Object	X																		X																						X				X											
RRT Market Data Viewer	X	X	X	X				X	X										X			X																X	X						X		X									

List of Non-Interactive Provider Examples

Non-Interactive Provider Example Name	Feature																			Structure								
	Streaming	Tunneling Connection	Hardcoded Source Directory	Configurable Source Directory from EmaConfig.xml	Configurable Source Directory Programmatically	Submit Source Directory Message	Login Request	Dictionary Request	Directory Admin UserControl	Directory Admin ApiControl	UserDispatch	ApiDispatch	File Config	Programmatic Config	Status Closed Message	Connection Recovery	Authentication Token Handling	Channel Information	Login Reissue	Msg.ToString()	Map::add<()	FieldList::add<()	ElementList::add<()	RefreshMsg::set<()	UpdateMsg::set<()	StatusMsg::set<()	RefreshMsg::get<()	StatusMsg::get<()
ex100_MP_Streaming	X		X							X		X										X		X	X			
ex110_MBO_Streaming	X		X							X		X									X	X		X	X			
ex170_MP_ChannelInfo	X		X							X		X						X				X		X	X			
ex200_MP_Streaming	X		X							X		X	X									X		X	X			
ex201_MP_TunnelingConnection	X	X	X							X		X	X									X		X	X			
ex210_MBO_Streaming	X		X							X		X	X								X	X		X	X			
ex250_MP_Perf	X		X							X		X	X									X		X	X			
ex251_MP_Perf_KeyByServiceId	X		X							X		X	X									X		X	X			
ex300_MP_Streaming	X					X			X			X	X								X	X	X	X	X			
ex310_MBO_Streaming	X					X			X			X	X								X	X	X	X	X			
ex320_MP_Streaming_StatusClosed	X					X			X			X	X		X						X	X	X	X	X	X		
ex340_Login_Streaming	X		X				X			X	X	X								X		X		X	X			
ex350_Dictionary_Streaming	X		X					X		X		X										X		X	X		X	X
ex360_MP_ConnectionRecovery	X		X			X				X	X	X				X				X		X		X	X		X	X
ex421_MP_ProgrammaticCfg	X				X					X		X		X								X		X	X			
ex430_MP_Authentication	X		X							X		X	X				X		X	X		X						

List of Interactive Provider Examples

Interactive Provider Example Name	Streaming	Tunneling Connection	Hardcoded Source Directory	Configurable Source Directory from EmaConfig.xml	Configurable Source Directory Programmatically	Submit Source Directory Message	Dictionary Request	Directory Admin UserControl	Directory Admin ApiControl	Dictionary Admin UserControl	Dictionary Admin ApiControl	UserDispatch	ApiDispatch	File Config	HandleRTT	Connected Client Information	Login Domain Representation	Posting	Programmatic Config	Closing client channel	Map::add<>()	FieldList::add<>()	ElementList::add<>()	RefreshMsg::set<>()	UpdateMsg::set<>()	RefreshMsg::get<>()	PostMsg::get<>()	AckMsg::set<>()	GenericMsg::get<>()	UpdateMsg::get<>()
ex100_MP_Streaming	X		X						X		X		X									X		X	X					
ex102_MP_Snapshot	X		X						X		X		X									X		X						
ex130_MP_UserDispatch	X		X						X		X	X	X									X		X	X					
ex140_MBO_Streaming	X		X						X		X		X								X	X		X	X					
ex150_MBO_Snapshot	X		X						X		X		X								X	X		X						
ex160_Login_AcceptDeny			X						X		X		X									X								
ex161_Login_AcceptDeny_DomainRep			X						X		X		X				X					X								
ex170_MP_ConnectedClientInfo	X		X						X		X	X	X			X						X		X	X					
ex180_MP_Websocket	X		X						X		X	X	X	X						X		X		X	X					
ex200_MP_Streaming	X		X						X		X	X	X									X		X	X					
ex201_MP_Encrypted	X	X	X						X		X	X	X									X		X	X					
ex210_MBP_Streaming	X		X						X		X	X	X								X	X		X	X					
ex240_SourceDirectory_Fanout	X		X			X			X		X	X	X								X	X	X	X	X					
ex250_GroupStatus_Fanout	X		X			X			X		X	X	X								X	X	X	X	X					
ex260_Custom_NestedMsg	X		X						X		X	X	X									X		X	X					
ex280_MP_Perf	X		X						X		X	X	X									X		X	X					
ex300_MP_Close	X		X						X		X	X	X							X		X		X	X					
ex301_MP_PriorityChange	X		X						X		X	X	X									X		X	X					
ex320_Custom_GenericMsg	X		X						X		X	X	X									X	X	X	X					
ex331_Directory_UserControl	X				X	X					X	X	X								X	X	X	X	X					
ex332_Dictionary_UserControl	X		X						X	X		X	X								X	X		X	X					
ex340_MP_Posting	X		X									X	X					X				X	X	X			X	X		
ex350_Dictionary_Streaming	X		X				X		X		X	X	X								X	X		X		X				X
ex380_MP_ConnectionLost	X		X						X		X	X	X									X		X	X					
ex421_MP_ProgrammaticCfg	X			X					X			X	X						X			X		X	X					
ex460_MP_RTT	X		X										X	X	X							X	X	X	X				X	