## List of Consumer Examples

DocID: EMAJ370L1EX.230

Consumer Example Name																Fe	ature																
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	+	<b>Funneling Connection</b>							g	90	ρ	9	Reissue Pause & Resume		2	Sub Suredminisg in Misg) File Config	Programmatic Config	Specify Admin messages	ad		8				ker			Channel Information	Login Domain Representation	Session Management	7		)ict
	request	nec	Snapshot request						On Stream postring	Off Stream Posting	Sending generic msg	ج ا يُ	8			1 85	O)	me	cal	_ [	ata			Horizontal Scaling	J To			nat	Rep	Sem	3		Ability to Pass In Dictionary Object
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	Streaming	un <sub>-</sub>	Sna	Set	Qos Priority	Batch	View Symb	riv	On S	#0		eis	eis	User Disp	Api Disp	ile ali	rog	bec	rog	Zmt	ort   c	Į.	Sipp	łori	\ut	ogi.	HandleRTT	Chai	.ogi	ess		Nar	\Pii
ex100_MP_Streaming	X		0, 0	0,			/ 01					<u>, L</u>			X	,		, 0,						_		_			_	0, 0	, ,		
ex101_MP_QosPriority	Х				хх										x																		1
ex102_MP_Snapshot			Х												x																		1
ex110_MP_FileCfg	Х														X	Х																	
ex111_MP_UserSpecifiedFileCfg	Х														X	Х	Х																
ex112_MP_TunnelingConnection	Х	Х													X	Х															Х	(	
ex113_MP_SessionMgmt	Х	Х													X	Х														Х			
ex120_MP_FieldListWalk	Х										$oldsymbol{ol}}}}}}}}}}}}}}}$	$oxed{\bot}$			X	$\prod$			Ш							Ţ	$\Box$	$\prod$					<u> </u>
ex130_MP_UserDisp	Х										$\perp$			Х	$\perp$	$\perp$															_		┷
ex140_MBO_Streaming	X			_							$\perp$	$\perp$			X	1.		$\perp$			$\bot$							,,				$\bot$	+-
ex170_MP_ChannelInfo	X					$\sqcup$		-			+	+	_	-	X	X		+	$\vdash \vdash$		_						_	Х			+	$\perp$	+
ex180_MP_Websocket	X										+			X	_	Х						+									+	-	+
ex200_MP_Streaming	X										+			-	X	+											$\rightarrow$				+	_	+-
ex210_MBO_Streaming ex220_MBP_PrivateStream	X							Х			+			X	X	+						+					$\dashv$				+	+	+
ex230_MBO_SwitchEntryAction	X										+			X	+												+				+		+
ex240_MP_RippleFields	X			х			-			_				X	+	+						1	Х				$\dashv$				+	+	+
ex250_Custom_Opaque	X			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \											x												_				+	+	+
ex270 SymbolList	Х										$\top$			-	X																+		+
ex280_MP_Perf	Х														x																		
ex290_Custom_Decode	Х			Х											X																		1
ex291_Custom_DownCast	Х			Х										Х																			
ex300_MP_Close	Х		Х	<b>X</b>										2	X																		
ex301_MP_PriorityChange	Х			Х								Х		Х																			
ex310_MP_Rmtes	Х														X					Х													
ex320_Custom_GenericMsg	X			Х							Х	(		Х	4	$\dashv$						-					_				4	_	
ex330_Login_Streaming	X													Х																	+	_	
ex331_Directory_Streaming	X														X X	+											-				+	+	+
ex332_Dictionary_Streaming ex333_Login_Streaming_DomainRep	X										+			X	_	+						+					-		Х		+	+	+
ex340_MP_OnStreamPost	X			X		$\vdash \vdash \vdash$		+	Х		+	+			x	+		+	$\vdash$		+	+				-	$\dashv$	$\dashv$	^		+	+	+
ex341_MP_OffStreamPost	X			X					^	X X	<del>,    </del>	+			X	+ +		+	$\Box$								$\dashv$	$\dashv$			+	+	+
ex350_MP_PauseAll	X			+~						+ 1	+	+		X	+	+		+			$\top$	1						+				$\dashv$	1
ex360_MP_View	х						Х				$\top$	$\dagger$		Х	$\top$			†				1										1	1
ex370_MP_Batch	Х					Х									X																		
ex400_Custom_NestedMessaging	Х			Х				Х			$oldsymbol{ol}}}}}}}}}}}}}}$	$oxed{oxed}$		2	x >	K																	
ex410_MP_HorizontalScaling	Х			Х										Х										Х									
ex420_MP_AdmDomainCfg	Х													Х				Х	Ш														Щ
ex421_MP_ProgrammaticCfg	X										$\bot$	$\perp$			X	$\perp$	Х	$\perp$										$\perp$			$\perp$		—
ex422_MP_ErrorClient	X										+	$\bot$			X	+		1			$\perp$	-										$\bot$	+
ex423_MP_AdmDomainCfg_DomainRep	X										+	+		X	_	$\dashv$		X			-	-				v			X		$\perp$		+
ex430_MP_Authentication ex440 System TunStrm	X										+	+			X >	,		Х	Х		_	v			Х	Х	-+		Х		+	+	+-
ex450_MP_QueryServiceDiscovery	X	Х				$\vdash \vdash \vdash$	-+	+		-	+	+			X >	`	х	+	$\vdash$	-	+	Х					$\dashv$	$\dashv$		X >	,	+	+
ex451_MP_OAuth2Callback_V2	X	X			<del>                                     </del>						+	+			X	+ -	X	+									+	+		X /	+	+	+
ex452_MP_OAuth2Callback_V2JWT	X	X									+	+			x	+	X	+			+	+						+		X	Х	.	+
ex460_MP_RTT	X										+	+			x	Х		+			-	†				+	Х	$\dashv$			<del>                                     </del>	$\dashv$	+
ex470_MP_WarmStandby	X						$\neg$				+	+			x	+ - +	Х	+			$\top$	+										Х	1
ex490_Specify_Dict_Object	Х											$\top$			x	1 1						1										$\dashv$	Х
RRT Market Data Viewer	Х		х	X		Х	Х								X		Х													X >			
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	Structure													
× 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
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## List of Non-Interactive Provider Examples

Non-Interactive Provider Example Name	Feature																		
	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
ex100_MP_Streaming	Х		Х							Х		Χ							
ex110_MBO_Streaming	Х		Х							Х		Х							
ex170_MP_ChannelInfo	Х			Χ						Х		Χ						Χ	
ex200_MP_Streaming	Х			Χ						Х		Χ	Χ						
ex201_MP_TunnelingConnection	Х	X		X						X		Χ	Χ						
ex210_MBO_Streaming	Х			X						Х		X	X						
ex250_MP_Perf	Х			X						X		X	Χ						
ex251_MP_Perf_KeyByServiceId	Х			X						X		X	X						
ex300_MP_Streaming	Х					X			X			Χ	X						
ex310_MBO_Streaming	Х					X			X			X	X						
ex320_MP_Streaming_StatusClosed	Х					Х			X			Х	Χ		X				
ex340_Login_Streaming	Х			X			X			X	X		X						
ex350_Dictionary_Streaming	Х			Χ				X		X		Χ	Χ						
ex360_MP_ConnectionRecovery	Х			Х			X			X	X		Χ			Χ			
ex421_MP_ProgrammaticCfg	Х				X					X		Χ		X					
ex430_MP_Authentication	X			X						X		X	X				X		X

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Msg.ToString()	Map::add<>()	x x x x x x x x x x x FieldList::add<>()	ElementList::add<>/()	x x x x x x x x x x x x x x x x x x x	x x x x x x x x x x x x x DpdateMsg::set<>()	StatusMsg::set<>()	RefreshMsg::get<>()	StatusMsg::get<>()
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		X		X	X			
		Х		X	X			
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## List of Interactive Provider Examples

Interactive Provider Example Name										Fea	ture														St
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 an	UserDispatch	ApiDispatch	File Config	HandleRTT	Connected Client Information	Login Domain Representation	Bu	Programmatic Config	Closing client channel	Map::add<>()	FieldList::add<>()	ElementList::add<>()	RefreshMsg::set<>()	Sti
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ex100_MP_Streaming	X		X			5			Х		Х	_	X	_			_		F			Х		Х	
ex102_MP_Snapshot	х		Х						Х		Х		Х									Х		Х	_
ex130_MP_UserDispatch	х		Х						Х		Х	Х										Х		Х	]
ex140_MBO_Streaming	х		Х						Х		Х		Х								Х	Х		Х	_
ex150_MBO_Snapshot	Х		Х						Х		Х		Х								Х	Х		Х	Γ
ex160_Login_AcceptDeny			Х						Х		Х		Х											Х	Γ
ex161_Login_AcceptDeny_DomainRep			Х						Х		Х		Х				Х							Х	Γ
ex170_MP_ConnectedClientInfo	Х			Х					Х		Х	Х				Х						Х		Х	
ex180_MP_Websocket	Х			Х					Х		Х	Х		Х						Х		Х		Х	
ex200_MP_Streaming	Х			Х					Х		Х	Х		Х								Х		Х	
ex201_MP_Encrypted	Х	Х		Х					Х		Х		Х	X										Х	
ex210_MBP_Streaming	Х			X					Х		X	X		X							X	X		X	
ex240_SourceDirectory_Fanout	Х			X		Х			Х		X		Х	X							Χ	Χ	Х	Х	
ex250_GroupStatus_Fanout	Х			Х		Х			Х		Х		Х	X							Х	Χ	Х	Х	_
ex260_Custom_NestedMsg	Х			Х					Х		Х	Х		X								Χ		Х	_
ex280_MP_Perf	Х			Х					Х		Х	Х		X								Χ		Х	-
ex300_MP_Close	Х			Х					Х		Х		Х	X					X			Х		Х	_
ex301_MP_PriorityChange	Х			Х					Х		Х	Х		X								Χ		Х	_
ex320_Custom_GenericMsg	Х			Х					Х		Х	Х		X								Х	Х	Х	_
ex331_Directory_UserControl	Х					Х		Х			Х		Х	Х							Х	Х	Х	Х	_
ex332_Dictionary_UserControl	Х			Х					Х	Х			Х	Х							Х	Х		Х	-
ex340_MP_Posting	Х			Х					L_		<u> </u>		X	X				Х				Х	Х	Х	_
ex350_Dictionary_Streaming	Х		_	Х			Х	_	Х	_	Х		Х	Х						Щ	Х	Х		Х	_
ex380_MP_ConnectionLost	Х		_	Х			_	_	Х		Х		Х	Х						Щ		Х		Х	_
ex421_MP_ProgrammaticCfg	Х		_	<u> </u>	Х		_	_	Х		Х	Х							X	Щ		Х		Х	
ex460_MP_RTT	Х			Х								Х		Х	Х							Х	X	Х	_ }

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Map::add<>()	× × × FieldList::add<>()	ElementList::add<>/()	× × × RefreshMsg::set<>()	× UpdateMsg::set<>()	RefreshMsg::get<>()	PostMsg::get<>()	AckMsg:set<>()	GenericMsg::get<>()	UpdateMsg::get<>()
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