List of Consumer Examples DocID: EMAJ383L1EX.240

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	est	Tunneling Connection	est							On Stream postring Off Stream Posting		Sending generic msg				드	Programmatic Config User Specified Config	ness	sal a	(a)	forth(const Data &)			ng	Tok			Channel Information	Inf	epre	Session Management	בות ביים ביים ביים ביים ביים ביים ביים ביי		n Dig	, bo
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	ng r	ng C	ot r	Close request	Set Closure Qos			List	Private Stream	am a		Sending generic	Reissue priorit	Q.		fig	nma	Adm	Programatic Lo	o Npi	onst	Tunnel stream	Ripple Fields	tal S	icat	Login Reissue	Ę	Infe	Cha	oma	Mar	serviceEnap	Warm Standby	o Pa	Roll
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	Stre	Tun	Sna	Clo	Set Qos	Priority Batch	View	SymbolList	Priv	On S	VPI	Sen	Reis Reis	Use	Api Disp	Sub Stream File Config	Prog Use	Spe	Prog	fort	fort	Inn	Ripk	Hori	Aut	Logi	HandleRTT	Cha	Sess	Logi	Sess	serv 	War	Abil	Req
ex100_MP_Streaming	Х														Х															工					
ex101_MP_QosPriority	Х				Х	Х									X															4					
ex102_MP_Snapshot ex110_MP_FileCfg	Х		Х					\vdash							X	Х								+						+				+	+
ex110_IMP_UserSpecifiedFileCfg	X				+								+		X	X	х													+			+		+
ex112_MP_TunnelingConnection	Х	Х											士		Х	X				士												Х	1	士	士
ex113_MP_SessionMgmt	Х	Х													Х	Х														1	Х				工
ex120_MP_FieldListWalk	X											_		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Х						-									+			_		+
ex130_MP_UserDisp ex140_MBO_Streaming	X		$\vdash \vdash$	\perp	+						H		+	Х	X	+			$\vdash \vdash$	+				+		-	-		\perp	+			+	+	+
ex170_MP_ChannelInfo	X		\vdash	\dashv	+		1	\Box	\dashv		$\mid \cdot \mid$	\dashv	+	\square	X	Х	+	+	$\vdash \vdash$	+	+			\dashv	\dashv	\dashv	\dashv	Х	+	十		+	+	+	+
ex180_MP_Websocket	Х													Х		Х																			
ex200_MP_Streaming	Х														Х															4					
ex210_MBO_Streaming	X			4				\vdash			\square			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	х					_				_	_	_	_		_	+				+	+
ex220_MBP_PrivateStream ex230_MBO_SwitchEntryAction	X			+	+	\vdash		\vdash	Х		\vdash	-		X	+		+			+	+			\dashv	+	+	+			+			+	+	+
ex240_MP_RippleFields	X				x									X	+						1		х							+			+		+
ex250_Custom_Opaque	Х														Х																				
ex270_SymbolList	Х														Х															4					
ex280_MP_Perf ex290_Custom_Decode	X				x							_	_		X		_					-								+		-	-		+
ex290_Custom_Decode ex291_Custom_DownCast	X				<u>х</u>									Х	^ +									+						+				+	+
ex300_MP_Close	X			Х	x										х									+		+	+			十				+	+
ex301_MP_PriorityChange	Х				Х)	К	Х																					
ex310_MP_Rmtes	X											<u>, </u>		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Х				2	(-									+			-		+
ex320_Custom_GenericMsg ex330_Login_Streaming	X			\dashv	X	\vdash		\vdash			\vdash	Х		X	+		+			+	+			\dashv	+	+	+			+			+	+	+
ex331_Directory_Streaming	X				+								+		x						+			+						十		+	+		+
ex332_Dictionary_Streaming	Х														Х																				
ex333_Login_Streaming_DomainRep	Х													Х																Х					
ex340_MP_OnStreamPost ex341_MP_OffStreamPost	X				х х	\vdash				X	х	_	_		X		-		\vdash		+	-		_						+		-	-	+	$+\!\!\!-$
ex350 MP PauseAll	X			\dashv	^ -			\vdash		^	^			Х	^ +					+	1			\dashv			+			+				+	+
ex360_MP_View	х						х							X																十					+
ex370_MP_Batch	Х					Х									Х															工					
ex400_Custom_NestedMessaging	X			-	X				Х				_		X 2	x					_			,,						4		_	4	-	\bot
ex410_MP_HorizontalScaling ex420_MP_AdmDomainCfg	X			+	X			\vdash	_		\square			X				X		+				Х	+	+	+		_	+			-	+	+
ex421_MP_ProgrammaticCfg	X				+							_	+	^	x		х	+^						+						+			+	+	+
ex422_MP_ErrorClient	Х														х															士					
ex423_MP_AdmDomainCfg_DomainRep	Х													Х	\Box			Х								\Box				Х					
ex430_MP_Authentication	X	<u> </u>	\sqcup	\perp			-	\vdash	\dashv			_	+	\square	X			X	Х	+	-	_\		\dashv	Х	Х	\perp	_	\perp	Х	_	_	+	+	+
ex440_System_TunStrm ex450_MP_QueryServiceDiscovery	X	X	$\vdash \vdash$	+	+	\vdash	+	\vdash	\dashv		$\vdash \vdash$	-	+	\vdash	X Z	^	х	+	$\vdash \vdash$	+	-	Х	-	\dashv	+	\dashv	\dashv	+	+	+	X 2	x	+	+	+
ex451_MP_OAuth2Callback_V2	X	X	\vdash	\dashv	\dashv		+	\Box	\dashv		$\mid \mid \mid$	\dashv	+	\square	$\frac{x}{x}$	+	Х	+	$\vdash \vdash$	+				\dashv	\dashv	\dashv	\dashv	\dashv	+		X	+	+	+	+
ex452_MP_OAuth2Callback_V2JWT	Х	Х													Х		х			工									丁		Х	Х		上	工
ex460_MP_RTT	Х		\coprod	\bot				igsqcut	-		igsqcut		\perp		Х	Х		$oldsymbol{\perp}$		\bot	<u> </u>	<u> </u>		\prod		\prod	Х	\perp	\perp	\perp		\perp	<u> </u>	\perp	<u> </u>
ex470_MP_WarmStandby	X		H	\perp	+	\vdash	1				\square				X	\dashv	Х	_	$\vdash \vdash$	+					_			\perp	\perp	+	_	_	X	X	,—
ex490_Specify_Dict_Object	X		H	\perp	+	\vdash					$\vdash \vdash$		+		X	Х	+	+	\vdash	+									х	+			+	 	X
Tex510 Requestrouting FileCip					1	1	1				. 1			1		, /\	1			1	1				- 1	1	1	1	1	1					
ex510_RequestRouting_FileCfg ex511_RequestRouting_ProgrammaticCfg	X														Х		Х											Х		一					X

	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->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	Message Packing
ex100_MP_Streaming	Х		Х							Χ		Χ								\Box
ex110_MBO_Streaming	Х		Х							Χ		Х								П
ex170_MP_ChannelInfo	Х			Х						Χ		Х						Х		
ex200_MP_Streaming	Х			Х						Х		Х	Х							
ex201_MP_TunnelingConnection	Х	Χ		Х						Χ		Х	Χ							
ex210_MBO_Streaming	Х			Х						X		Х	X							
ex250_MP_Perf	Х			Х						X		X	X							
ex251_MP_Perf_KeyByServiceId	Х			Х						X		X	X							
ex300_MP_Streaming	Х					X			Х			X	X							
ex310_MBO_Streaming	Х					X			Х			X	X							
ex320_MP_Streaming_StatusClosed	Х					X			X			X	X		X					
ex340_Login_Streaming	Х			Х			X			X	Х		X							
ex350_Dictionary_Streaming	Х			Х				X		X		X	X							
ex360_MP_ConnectionRecovery	Х			Х			X			X	Х		X			Χ				
ex405_MP_MsgPacking	Х			Х						X		Χ								Х
ex421_MP_ProgrammaticCfg	Х				X					X		Χ		X						
ex430_MP_Authentication	Х			Х						X		X	X				X		Х	

	Structure														
Msg.ToString()	Map::add<>()	x 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 RefreshMsg::set<>()	X X X X X X X X X X UpdateMsg::set<>()	StatusMsg::set<>()	RefreshMsg::get<>()	StatusMsg::get<>()							
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List of Interactive Provider Examples

Interactive Provider Example Name	Feature																						
Interactive Provider Example Name				from EmaConfig.xml	Programmatically					F	eatu	re											
	Streaming	Tunneling Connection	Hardcoded Source Directory	Configurable Source Directory fror	Configurable Source Directory Pro	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	Message Packing	Map::add<>()	× FieldList::add<>/)
ex100_MP_Streaming	Х		Х						Х		Х		Х										
ex102_MP_Snapshot	Х		Χ						Х		Х		Х										Х
ex130_MP_UserDispatch	Х		Х						Х		Х	Х											Х
ex140_MBO_Streaming	Х		X						Х		Х		Х									Х	Х
ex150_MBO_Snapshot	Х		X						Х		Х		Х									Х	Х
ex160_Login_AcceptDeny			Х						Х		Х		Х										
ex161_Login_AcceptDeny_DomainRep			X						Х		Х		Х				X						
ex170_MP_ConnectedClientInfo	Х			X					Х		Х					Х							Х
ex180_MP_Websocket	Х			X					Х		Х	Х		Х						X			Х
ex200_MP_Streaming	Х			X					Х		Х	Х		Х									Х
ex201_MP_Encrypted	Х	Х		X					Х		Х		Х	Х									
ex210_MBP_Streaming	Х			Х					Х		Х	Х		Х								Х	X
ex240_SourceDirectory_Fanout	Х			X		Х			Х		Х		Х	Х								-	_
ex250_GroupStatus_Fanout	Х			X		Х			Х		Х		Х	Х								Х	_
ex260_Custom_NestedMsg	X			Х					Х		Х			Х									Х
ex280_MP_Perf	Х			X					Х		Х	Х		Х									Х
ex300_MP_Close	Х			X					Х		Х		Х	_					X				Х
ex301_MP_PriorityChange	Х			Х					Х		Х	Х		Х									Х
ex320_Custom_GenericMsg	Х			X					Х		Х	Х		Х									Х
ex331_Directory_UserControl	Х					Х		Х			Х		Х	_								Х	
ex332_Dictionary_UserControl	Х			X					Х	Х			Х	_								Х	
ex340_MP_Posting	Х			X									Х	Х				Х					Х
ex350_Dictionary_Streaming	Х			Х		$oxed{oxed}$	Х		Х		Х		Х	Х								Х	
ex380_MP_ConnectionLost	Х			Х					Х		Х		Х	Х								Ш	Х
ex405_MP_MsgPacking	X		Х			$oxed{oxed}$			Х		Х	$ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$	Х								Х	Ш	Х
ex421_MP_ProgrammaticCfg	Х				Х				Х		Х	Х							Χ			Ш	Х
ex460_MP_RTT	X			Х								X		Х	Х								X

				Stru	ctur	e			
Map::add<>()	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	× UpdateMsg::set<>()	RefreshMsg::get<>()	PostMsg::get<>()	AckMsg:set<>()	GenericMsg::get<>()	UpdateMsg::get<>()
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	X		Х						
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