List of Consumer Examples

DocID: EMAC380L1EX.240

Consumer Example Name																			Feature																	
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																											ing		_			Service Endpoint Discovery Helper				Ability to Pass In Dictionary Object
																											Authentication Token Handling		Login Domain Representation			γН		충		Σ
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		Tunneling Connection									00 L		Sg				Kesume		Σ̈́	fig	Specify Admin messages		(%				ken	uo	rese	ent		sco		OAuth2 Credential Callback	oAuth2 JWT Multi-Credential Config	
	Streaming request	nect	est								Of Stream Posting		Sending generic msg			6	ž Ø		Sub Stream(Msg in File Config	Programmatic Config	mes	e (ing	ם	Login Reissue Channel Information	Sepi	Session Management		ıtDi		tial	7	
	edn	onr	Snapshot request	est						am	Pos	3	eri	Reissue priority	ch			ے ای	<u>. 🖺 </u>	tic (ië -	Kmtes Decoder forth(FieldName)	forth(const Data	E B	S	Horizontal Scaling	ion	er orm	Ë	nag		oin	gp	den	;)	ISS I
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	mi	elir	shc	e re	SOL	ity	ر		SymbolList	te 9	rred tred	5	ing	an	ne	ne	en d	Dis	Sub Stream	ram	ify /	S D Fie	00)	el s	e Fi	ont	ent	nel	l a	on	HandleRTT	ceE	n St	h2	hZ.	<u>خ ا :</u>
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100_MP_Streaming	X	T	S	O	<u>0</u>	4	B	>	Ś	<u> </u>		<u> </u>	Ň	~	~	<u>~ (</u>	2 :				S	<u> </u>	fc	-	~	I	⋖ .	O C	د	Ň	I	Š	>	0	0 2	<u>: </u>
101_MP_QosPriority	X				×	Х					+	+	+					\ \frac{7}{2}		+		+							+					+	+	+-
102_MP_Snapshot			Х	+	 ^	+^						+))																	+	+
110_MP_FileCfg	Х											1						>																	\top	+
111_MP_UserSpecifiedFileCfg	Х				_				_										Х		1												_			_
112_MP_TunnelingConnection	Х	Χ																>		_															Х	
113_MP_SessionMgmt	Х	Х		\prod					\Box)							\Box					Х	Ш		\Box	\bot		
120_MP_FieldListWalk	X			\perp													\perp		(_	$\bot \bot$															
121_MP_FieldListSrchByName	X		\dashv	\dashv	X	1			_		+	-					1) V		+		X	-		\dashv	\dashv			-		Н		\dashv	\perp	+	+-
130_MP_UserDisp 140_MBO_Streaming	X			+	+						-		+		-		+	X	,	+	+	+			_				+					+	+	+
170_MP_ChannelInfo	X		\dashv	+	+	1			\dashv		+		+		\dashv		+	\ \ \ \ \ \ \ \ \		+	++	+	1	\vdash	\dashv	\dashv	-+	Х	+		\vdash	$\vdash \vdash$	\dashv	+	+	+
180_MP_Websocket	X				+	-					+	+	+					x /	$\frac{x}{x}$	_		+						^	+					+	+	+-
200_MP_Streaming	X		\dashv	\dashv	+	1			+		+				\dashv		+	^		+		+	1	\vdash	\dashv	\dashv			+		\Box	$\vdash \vdash$	\dashv	\dashv	+	+
210_MBO_Streaming	Х																	>																	\top	+
220_MBP_PrivateStream	Х									Х							2	х																		
230_MBO_SwitchEntryAction	Х																	Х																		
240_MP_RippleFields	Х				х													Х							Х											
250_Custom_Opaque	Х																		(
260_MP_FieldListSearchByList	X											_)				_	Х												_	+
270_SymbolList 280_MP_Perf	X											+							(+	+-
290_Custom_Decode	X				x																														-	_
291_Custom_DownCast	X				x							+	+					x /	`			+							+						+	+
300_MP_Close	X			Х	_												+	_	(+	+
301_MP_PriorityChange	Х				х									х			2	х																		
310_MP_Rmtes	Х																	>	(2	x														
320_Custom_GenericMsg	Х				Х								Х					Х																		
330_Login_Streaming	Х																2	Х																		
331_Directory_Streaming	X			\dashv	+	-					+	-		\sqcup			+	<u> </u>		+	++	\perp	_	\square	_		_		_		Н	\square		\perp	+	+-
332_Dictionary_Streaming	X				_						-	+	-					_	(+		+							<u> </u>						+	+
333_Login_Streaming_DomainRep 340_MP_OnStreamPost	X			+	x	-					(-	+		\dashv		+	X	. 	+	++	+							X					+	+	+
341_MP_OffStreamPost	X		\dashv		<u>^</u>				\dashv	+	` x	X	+		-	-	+			+	++	+		\vdash	\dashv	\dashv		-	+		H	\vdash	\dashv	+	+	+
350_MP_PauseAll	X		\dashv	\dashv	+	-			\dashv		+^	+^	+	\vdash	\dashv	7	ĸ	'		+	++	+	+		\dashv	\dashv	-		+		H	$\mid \rightarrow \mid$	\dashv	\dashv	+	+
360_MP_View	X			\dashv	\top			Х										X	11	1		\top												\dashv	十	1
370_MP_Batch	Х						Х											>	(1
400_Custom_NestedMessaging	Х				х					Х								_	(X																	
410_MP_HorizontalScaling	Х			\perp	x						_							Х	\bot	\bot	$\perp \perp$	\perp				Х			_							
420_MP_AdminDomainCfg	X			\perp	+				_		-							X		+	Х	+			_	_			-				_	\perp	+	4
421_MP_ProgrammaticCfg	X		_	+	+						+	-	+		}		-		,	Х	++	+			_	_		-	+-					+	+	+
422_MP_ErrorClient 423_MP_AdminDomainCfg_DomainRep	X		\dashv	\dashv	+				\dashv		+		+		\dashv		+,	X X	` 	+	X	+	-	\vdash	\dashv	\dashv	-	-	х		\vdash	\vdash	\dashv	+	+	+
430_MP_Authentication	X		-	+	+	+			\dashv		+	+	+		\dashv		+	^		+	^	+		\vdash	\dashv	-	X :	х	+^			\vdash	+	+	+	+
440_System_TunStrm	X		\dashv	\dashv	+	1			+		+				\dashv		\dashv		XX	+		+	1	Х	\dashv	\dashv	-	*	+		\Box	$\vdash \vdash$	\dashv	\dashv	+	+
450_MP_QueryServiceDiscovery	X	Х		+	\dashv								+				\dashv	_	()	Х	++	+							1	Х		Х		+	+	+
451_MP_OAuth2Callback_V2	Х	Х		\top	\dashv								1					>		Х		\top												Х	十	1
452_MP_OAuth2Callback_V2JWT	Х	Х																_	(Х														Х	Х	
460_MP_RTT	Х																	_	(X												Х			Х		
470_MP_WarmStandby	X			\perp		1									ļ		\perp		(X			1		_				_		Ш		X			_
480_MP_MultiCredentials	X		\dashv	\dashv	-	1			_		+	-					+		(Х		\perp	-		\dashv	\dashv			-	Х	Н		Х	Х	ХХ	_
490_Specify_Dict_Object	X)	(Х

	Structure Q													
× 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->Opaque
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List of Non-Interactive Provider Examples

NiProv 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
100_MP_Streaming	Х		Х			<u> </u>				Х		Х								
110_MBO_Streaming	Х		Х							Х		Х								
170_MP_ChannelInfo	х		Х	Х						Х		Х	Х					Х		
200_MP_Streaming	Х			Х						Х		Х	Х							
201_MP_TunnelingConnection	Х	Χ		Х						Χ		Х	Χ							
210_MBO_Streaming	Х			Х						Χ		Х	Χ							
250_MP_Perf	Х			Х						Х		Х	Χ							
251_MP_Perf_KeyByServiceId	Х			Х						Х		Х	Х							
300_MP_Streaming	Х					Х			Х			Х	X							
310_MBO_Streaming	Х					Х			Х			Х	Х							
320_MP_Streaming_StatusClosed	Х					Х			Х			Х	Χ		X					
340_Login_Streaming	Х			X			Х			Χ	X		Χ							
350_Dictionary_Streaming	Х			Х				Χ		Х		X	Х							
360_MP_ConnectionRecovery	Х			Х			Χ			X	X		Χ			X				
405_MP_MsgPacking	Х			X						Χ		X								Х
421_MP_ProgrammaticCfg	X				Х					Х		X		Χ						
430_MP_Authentication	X			X			X			X		X	X				X		X	

			St	ructı	ıre			
Msg.ToString()	Map::add<>()	X X X X X X X K FieldList::add<>()	ElementList::add<>>()	X X X X X X X X X X RefreshMsg::set<>()	x x x x w UpdateMsg::set<>()	StatusMsg::set<>()	RefreshMsg::get<>()	StatusMsg::get<>()
		Χ		Χ	Χ			
	Х	Χ		Χ	Χ			
		Х		Х	Х			
		Χ		X	X			
		X		X	X			
	Х	X		X	X			
		Χ		Х	Χ			
		Χ		Х	Χ			
	X	X	X	X	X			
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Х		Х		Х	Х			

List of Interactive Provider Examples

IProv Example Name	Feature																			
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	Streaming	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	Programmatic Config	Connected Client Information	Login Domain Representation	HandleRTT	Posting	Closing client channel	Message Packing
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100_MP_Streaming	X	X						X		X		X							 	
102_MP_Snapshot	Х	X						X		X		Х								
130_MP_UserDispatch	Х	X						X		X	X								 	
140_MBO_Streaming	Х	X						X		X		X							 	
150_MBO_Snapshot	Х	X						X		X		X								
160_Login_AcceptDeny		X						Χ		Х		X							ш	
161_Login_AcceptDeny_DomainRep		Х						Х		Х		Х				Х				
170_MP_ConnectedClientInfo	Х	Χ						Χ		X		X	Х		X					
180_MP_Websocket	X		Х					Χ		Χ	X		Χ						X	
200_MP_Streaming	X		Х					X		X	X		X							
210_MBP_Streaming	X		Х					Х		Х	X		X							
240_SourceDirectory_Fanout	X		Х		Х			Χ		Χ		Х	Χ							
250_GroupStatus_Fanout	X		Χ		X			X		X		X	X							
260_Custom_NestedMsg	Х		Χ					X		X	X		X							
280_MP_Perf	Х		X					X		X	X		Χ							
300_MP_Close	X		Χ					X		X		X	X							
301_MP_PriorityChange	X		X					Х		Χ	X		Х							
320_Custom_GenericMsg	X		Х					Χ		X	X		Х							
331_Directory_UserControl	Х				Χ		X			Χ		Χ	Х							
332_Dictionary_UserControl	X							X	Х			X	Χ							
340_MP_Posting	Х		X								Χ		Χ					X		
350_Dictionary_Streaming	Х		X			Χ		Χ		Χ		Χ	Χ							
380_MP_ConnectionLost	Х		Х					Χ		Χ		Χ	Χ							
405_MP_MsgPacking	Х		X					Χ		Χ		Χ								X
421_MP_ProgrammaticCfg	Х			Х				Χ		Χ	X			Χ						
460_MP_RTT	Х		Х									Х	Х				Х			

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