List of Consumer Examples DocID: EMAC390L3EX.250

Consumer Example Name																				F	eatur	e																		
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																	0)											Authentication Token Handling Login Reissue		Session Channel Information	Login Domain Representation		ServiceEndpointDiscovery Helper		ack			Ability to Pass In Dictionary Object		
		_															Resume			(Bs)		messages						Ξ̈́L		rma	ent	ال	ove		alle		fig	tion		
	it	Connection	اير								<u>ه</u> ا	20	meg	9611			Resi			≥ <u>=</u>	nfig	essa		200	ŝ		50	skei	ion	nfo	pres	Jen	isco		al C		Son	Dict		
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	Streaming request	Cor	Snapshot request	re les					٦	Private Stream	On Stream postring	On Stream Posting	VPI Sending generic	Reissue priority	Reissue batch	ew	Reissue Pause	atch	ج ا	Sub Stream(Msg in Msg) File Config	Programmatic Config	Specify Admin	Rmtes Decoder	forth(FieldName)	Tunnel stream	ds	Horizontal Scaling	atio sue	Channel Information	anr	nain	Session Management HandleRTT	lpoi	Warm Standby	OAuth2 Credential Callback	5	Multi-Credential Config	Pass	Preferred Host	Request Routing
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100_MP_Streaming	X																		Х																					
101_MP_QosPriority	Х			+	Х	Х						_							X			1														\vdash	\vdash			
102_MP_Snapshot 110_MP_FileCfg	Х		Х	+														_	X	X													+	+	\vdash	\vdash	\vdash			
111_MP_UserSpecifiedFileCfg	X		+	+	-					+	-	+							^	X		1									+		+	+++	\vdash	+	\Box	-+	-	_
112_MP_TunnelingConnection	Х	Х		+								+				1 1			Х	X									1		$\neg \vdash$		+	1	\square	Х	一十	\Box	\dashv	\dashv
113_MP_SessionMgmt	Х	Х	工	工								工							Х	Х	_											Х								
120_MP_FieldListWalk	Χ		\perp	工															Х																\square					\Box
121_MP_FieldListSrchByName	X		\perp	Х					\perp		\perp	_				\perp			Х					Х	\perp				_		_		4	Щ	\bigsqcup	\coprod	\longrightarrow			_
130_MP_UserDisp	X		\perp	—								+		-		+		Х	<u>_</u>				\vdash		-				1		_		+-		$igwdapsilon^{\prime\prime}$	+-+	\vdash			\dashv
140_MBO_Streaming 170_MP_ChannelInfo	X	\vdash	+	+	-	+			+	+	+	+	-	+		+			X	Х	-	+	\vdash	-	+				Х		-	-	+-	+		\vdash	\vdash		+	\dashv
180_MP_Websocket	X			+														Х	^	X	_								^				+			+			-	$\overline{}$
200_MP_Streaming	Х			+															х														+				i			
210_MBO_Streaming	Χ																		Х																					
220_MBP_PrivateStream	Х									Х								Х																						
230_MBO_SwitchEntryAction	X			4		_				_								X			_	-				<u> </u>										\sqcup	\vdash			
240_MP_RippleFields 250_Custom_Opaque	X		+	Х							-	+						Х	Х			+				Х					_		+-	1	igwdapprox	\vdash	\vdash		-+	\dashv
260_MP_FieldListSearchByList	X			+															X					Х									+			+				_
270_SymbolList	Х			+						+									X		+	1			•								+	+		t			-	_
280_MP_Perf	Х																		Х																		i			
290_Custom_Decode	Χ			Х															Х																					
291_Custom_DownCast	Х			Х														Х																		igsquare	\sqcup			
300_MP_Close	X		<u> </u>	X X						_					,				Х		-	-											_		\longmapsto	\vdash	\vdash			_
301_MP_PriorityChange 310_MP_Rmtes	X			X		+				+				Х	\			Х	Х			+	Х		-								+-	+	$\vdash \vdash$	\vdash	\vdash	-+	+	\dashv
320_Custom_GenericMsg	Х			Х									Х	(Х	^				^										+		\vdash	+			_	$\overline{}$
330_Login_Streaming	Х			十														Х															1				i t			_
331_Directory_Streaming	Х																		Х																					
332_Dictionary_Streaming	Х																		Х																					
333_Login_Streaming_DomainRep	X			4						_								Х			_										Х		4	\perp	Ш	\sqcup	\vdash			_
340_MP_OnStreamPost	X			X				-		- 2	X	, ,	,						X		-	+											+		\longmapsto	\vdash	\vdash		-	_
341_MP_OffStreamPost 350_MP_PauseAll	X			X				-		-	+	()	\				Х		X		-	1											+	+	$\vdash \vdash \vdash$	\vdash	\vdash			_
360_MP_View	X		+	+		+		Х			+	+		+		+ +		Х	^	-				-+	1				1				+	+	\vdash	+	-+	+	-+	\dashv
370_MP_Batch	X		_	_			Х		_ †			_							Х			1							1					1		世世				\exists
400_Custom_NestedMessaging	Х			Х						Х		\perp							X	х																				
410_MP_HorizontalScaling	Х			Х				\Box	\Box									Х									Х							$oxedsymbol{oxedsymbol{oxedsymbol{\Box}}}$		igsquare	\coprod	\prod	$\Box \Box$	_]
420_MP_AdminDomainCfg	X		+	+	-			_	\dashv	_	\perp	4	-	_	-	1 1		Х			+	Х			\bot				_		\perp		4		\bigsqcup	\longrightarrow	\vdash			_
421_MP_ProgrammaticCfg 422_MP_ErrorClient	X			+								+				+			X		Х		\vdash						1		-		+-	+	$\vdash \vdash$	+	\longrightarrow			\dashv
423_MP_AdminDomainCfg_DomainRep	X	\vdash	+	+		+				+	-	+		+	+			Х	٨		+	Х	\vdash	_	+				-		Х	_	+	+	H	++	$\overline{}$	+	+	\dashv
430_MP_Authentication	X		+	+	1			\dashv	\dashv	\dashv	\dashv	+		+	\top	+			Х		+	+^	\vdash		+			хх	+				+	+	\square	+	一十	$\overline{}$	+	\dashv
440_System_TunStrm	Х			丁																х					Х				L				工							
450_MP_QueryServiceDiscovery	Χ	Х		工															Х		Х	_										Х	Х	\square						
451_MP_OAuth2Callback_V2	Х	Х		\bot												igsquare			Х		Х													$oxed{\Box}$	Х	igsquare	igsqcut			
452_MP_OAuth2Callback_V2JWT	X	Х	+	+							_	+				1			X	-	Х								-		-	- L	+-	+	X	Х				_
460_MP_RTT 470_MP_WarmStandby	X		+	+				-		+		+				++			X	Х	X		H		+				-		-	Х	+	Х	Х	+	\longrightarrow	+	-+	\dashv
480_MP_MultiCredentials	X	\vdash	+	+	-	+			+	+	+	+		+		+			X	-	X		+	\dashv	+				+		х		+	X	Х	Х	Х	+	+	\dashv
490_Specify_Dict_Object	X		+	+								+		+		1 1			X	-	 ^			\dashv							- ^		+				-	Х	+	\dashv
500_PH_FileConfig	Х			丁															Х	Х									Х				工						Х	\Box
501_PH_ProgrammaticCfg	Х			工															Х		Х								Х					\square					Х	
502_PH_ChannelInfo	Х																		Х										Х				4	\perp	igspace	\sqcup	igspace		Х	
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510_RequestRouting_FileCfg 511_RequestRouting_ProgrammaticCfg	X			+						\perp		+							X		X		 						х	Х	_		+	 	\vdash	\longrightarrow	<u> </u>	'		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->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							Х		Х								
110_MBO_Streaming	Х		Х							Х		Х								
170_MP_ChannelInfo	Х		Х	Х						Х		Х	Χ					Х		
200_MP_Streaming	Х			Х						Х		Х	Χ							
201_MP_TunnelingConnection	Х	Х		Х						Х		Х	Χ							
210_MBO_Streaming	Х			Х						Х		Х	Χ							
250_MP_Perf	Х			Х						Х		X	X							
251_MP_Perf_KeyByServiceId	Х			Х						Х		Х	Х							
300_MP_Streaming	Х					Х			X			X	X							
310_MBO_Streaming	Х					Х			Х			Х	Х							
320_MP_Streaming_StatusClosed	Х					Х			Х			Χ	X		X					
340_Login_Streaming	Х			Χ			Х			X	X		X							
350_Dictionary_Streaming	Х			Х				Χ		Х		Χ	X							
360_MP_ConnectionRecovery	Х			Χ			Х			X	X		X			X				
405_MP_MsgPacking	Х			Χ						X		Χ								Х
421_MP_ProgrammaticCfg	X				X					X		X		Χ						
430_MP_Authentication	X			X			X			X		X	X				X		Х	

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

IProv Example Name	Feature																			
	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
100_MP_Streaming	X	X	Ü	Ü	S	٥	O	X	D	X	<u> </u>	X	正	Ь	Ŭ	Ľ	I	۵	Ö	2
102_MP_Snapshot	X	X						Х		Х		Х							\neg	\vdash
130_MP_UserDispatch	X	X						Х		Х	Х								-	\vdash
140_MBO_Streaming	X	X						Х		Х		Х							\neg	\vdash
150_MBO_Snapshot	X	Х				 		Х		Х		X							\neg	\vdash
160_Login_AcceptDeny	+~	X				 		Х		Х		X							\neg	\vdash
161_Login_AcceptDeny_DomainRep	1	Х						Х		Х		Х				Х			\neg	
170_MP_ConnectedClientInfo	х	Х						Х		Х		Х	Х		Х				\neg	
180_MP_Websocket	Х		Х					Х		Х	Χ		Х						Х	\Box
200_MP_Streaming	х		Х					Х		Х	Х		Х						\neg	\Box
210_MBP_Streaming	Х		Х					Х		Х	Х		Х						\neg	\Box
240_SourceDirectory_Fanout	Х		Х		Х			Х		Х		Х	Х						\neg	\square
250_GroupStatus_Fanout	х		Х		Х			Х		Х		Х	Χ						\Box	\Box
260_Custom_NestedMsg	х		Х					Χ		Х	Χ		Х							\Box
280_MP_Perf	х		Х					Χ		Х	Χ		Х							\Box
300_MP_Close	х		Х					Χ		Х		Х	Χ							\Box
301_MP_PriorityChange	х		Х					Х		Х	Х		Х							\Box
320_Custom_GenericMsg	Х		Х					Χ		Х	Х		Χ							
331_Directory_UserControl	Х				Х		Х			Х		Х	Х							
332_Dictionary_UserControl	Х							X	X			Χ	Χ							
340_MP_Posting	Х		Х								Χ		Χ					Х		
350_Dictionary_Streaming	Х		Х			Х		Х		Χ		X	Χ							
380_MP_ConnectionLost	Х		Х					Х		Χ		X	Χ							
405_MP_MsgPacking	Х		Х					Х		Χ		X								Х
421_MP_ProgrammaticCfg	Х			Х				Х		Χ	X			X						
460_MP_RTT	Х		Х									Х	Х				X			Ш

	Structure												
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