List of Consumer Examples Docid: EMAC390L2EX.250

Consumer Example Name																		•				F	eatu	ıre																					
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																																Authentication Token Handling			Login Domain Representation			ServiceEndpointDiscovery Helper		송			ry O		
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	ng re	Tunneling Connection	Snapshot request	Close request	Set Closure					ist	Strea	On Stream postring	Off Stream Posting		Sending generic msg	Reissue priority	Reissue batch	Reissue View	Reissue Pause &	User Dispatch	Api Dispatch	Sub Stream(Msg in Msg)	fig	Programmatic Config	Specify Admin messages	Rmtes Decoder	forth(FieldName)	forth(const Data &)	Tunnel stream	Ripple Fields	Horizontal Scaling	icati	Login Reissue	Channel Information	omai	Session Management		dpu	Warm Standby	OAuth2 Credential Callback	JWT	Multi-Credential Config	Ability to Pass In Dictionary	Preferred Host	Request Routing
	Streaming	nelir	hsda	se r	Clo		Priority	ch	>	SymbolList	Private !	Strea	Stre		ding	enss	ssue	ssue	ssue	r Dis	Disp	Stre	File Config	gram	cify ,	tes D	h(Fie	h(cc	nel s	ole F	izon	hent	in Re	nnel	in Do	sion	Handlekii	/iceE	rm S	rth2	oAuth2 JWT	ti-Cr	ity t	ferre	uest
		Tun	Sna	Clo	Set	Qos	Prio	Batch	View	Sym	Priv	On	у	VPI	Sen	Reis	Reis	Reis	Reis	Use	_	Sub	File	Pro	Spe	Rmi	fort	fort	Tun	Rip	Hor	Aut	Log	Cha	Log	Ses	Нап	Ser	Wai	OAL	oAn	Mu	Abil	Pref	Req
100_MP_Streaming 101_MP_QosPriority	X					Х	Х														X									_						\vdash			4			 			\vdash
102_MP_Snapshot	^		Х			^	^														X										 														\Box
110_MP_FileCfg	Х																				Х		Х																			<u> </u>			\square
111_MP_UserSpecifiedFileCfg 112_MP_TunnelingConnection	X	Х																			Х		X													\vdash		+			Х	_			\square
113_MP_SessionMgmt	Х	_																			Х		X													Х									
120_MP_FieldListWalk	X				V												\Box		$ \!$	\dashv	X	\dashv				\Box	Ţ			-	-		[-		\dashv					一
121_MP_FieldListSrchByName 130_MP_UserDisp	X		H		Х															Х	Х	\dashv					Х			_	+	+				\vdash	+	+	+	_		<u> </u>		\vdash	\dashv
140_MBO_Streaming	Х																				Х																					\equiv			口
170_MP_ChannelInfo 180_MP_Websocket	X																			х	Х		X											Х		\vdash		_							$\vdash \vdash$
200_MP_Streaming	X																		\dashv	^	Х	\dashv	^				\dashv			\dashv	\dashv	\dashv	\dashv			\vdash	\dagger	+	\dashv	\dashv					\dashv
210_MBO_Streaming	Х																				Х																					<u> </u>			
220_MBP_PrivateStream 230_MBO_SwitchEntryAction	X										Х									X																						 			-
240_MP_RippleFields	Х				Х															X										х															
250_Custom_Opaque	X																				X							· ·														<u> </u>			
260_MP_FieldListSearchByList 270_SymbolList	X																				X						-	Х		+						\vdash		+							\square
280_MP_Perf	Х																				Х																								
290_Custom_Decode 291_Custom_DownCast	X				X															Х	Х						-			_						\vdash		+	\dashv					igwdown	\vdash
300_MP_Close	Х			X	X															^	Х																								
301_MP_PriorityChange	Х				Х											Χ				Х						.,																<u> </u>			\square
310_MP_Rmtes 320_Custom_GenericMsg	X				Х										Х					Х	Х					Х												+							
330_Login_Streaming	Х																			Х																									
331_Directory_Streaming 332_Dictionary_Streaming	X																				X									_	_					\vdash						 			\vdash
333_Login_Streaming_DomainRep	X																			Х	^														Х			+	1						=
340_MP_OnStreamPost	Х				Х							Х									Х																					$\overline{\square}$			
341_MP_OffStreamPost 350_MP_PauseAll	X				Х								Х	Х					х		X																		+			 			-
360_MP_View	X								Х											Х																		士							
370_MP_Batch	X				<u> </u>			Х			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \										Х						1							耳				1							川
400_Custom_NestedMessaging 410_MP_HorizontalScaling	X				X						Х									Х	Х	Х									х							+							\blacksquare
420_MP_AdminDomainCfg	Х																		_	Х					Х																				
421_MP_ProgrammaticCfg 422_MP_ErrorClient	X								_	_		<u> </u>							\dashv	\dashv	X	_		Х		-	\dashv			\dashv	\dashv	\dashv				$\vdash \vdash$	-	+	\dashv	_				$\vdash \vdash$	\vdash
423_MP_AdminDomainCfg_DomainRep	X																			Х	^				Х										Х										
430_MP_Authentication	X																				Х											Х	Х									_			川
440_System_TunStrm 450_MP_QueryServiceDiscovery	X	Х	H									_							\dashv		X	Х		х			+		Х	\dashv	\dashv		_			X	+	x	+	\dashv			\vdash	\vdash	\square
451_MP_OAuth2Callback_V2	Х	Х																			Х			Х																Х					
452_MP_OAuth2Callback_V2JWT	_	Х																		-1	Х	\Box	Ţ	Х			\Box			\blacksquare	-	\blacksquare						1	\Box	_	Х	 			一
460_MP_RTT 470_MP_WarmStandby	X																		-		X		Х	Х			\dashv				\dashv	1				$\vdash \vdash$	Х	\dashv	Х	Х				\vdash	\dashv
480_MP_MultiCredentials	Х																				Х			Х												х				Х	Х	Х			凵
490_Specify_Dict_Object 500_PH_FileConfig	X	_																			X	-	Х							\dashv			_	Х		\vdash	-	_		_		 	Х	Х	\dashv
501_PH_ProgrammaticCfg	X		H																		X	\dashv	^	Х			\blacksquare			-	\dashv		_	X			+	\dashv		=				X	=
502_PH_ChannelInfo	Х																				Х						耳				耳	\Box		Х			1	ゴ	\Box					Х	
510_RequestRouting_FileCfg 511_RequestRouting_ProgrammaticCfg	X		H						-	\vdash	_	<u> </u>								\dashv	X	\dashv	_	Х			\dashv			\dashv	\dashv	\dashv	\dashv	X		$\vdash \vdash$	+	\dashv	\dashv	\dashv				\vdash	X
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					eldList	eldList	types		st		Msg->ElementList->Vector->ElementList	Msg->Map->FilterList->ElementList or Map		
	(g()			Msg->Map(Action type, Key)->FieldList	Msg->Map(Sum,Key,Action)->FieldList	Msg->Map->FieldList->Primitive types	ntList	Msg->Map->FieldList, ElementList		or->Ele	lement	st	
	Msg->FieldList.ToString()	Map->FieldList->ToString()		lList	n type,l	Key,Act	dList->P	Msg-> FieldList or ElementList	IList, Elo	List	t->Vect	rList->E	Msg->Series->ElementList	
ring()	dList.To	dList->	dList	p->Fielo	p(Actio	p(Sum,	p->Fielo	ldList o	p->Fielo	g->Fielc	mentLis	p->Filte	ies->Ele	adne
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List of Non-Interactive Provider Examples

NiProv Example Name										Feat	ture									
	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	Х							
251_MP_Perf_KeyByServiceId	Х			Х						Х		Х	Х							
300_MP_Streaming	Х					Х			X			X	X							
310_MBO_Streaming	Х					Х			X			Х	Х							
320_MP_Streaming_StatusClosed	Х					Х			Х			Χ	X		X					
340_Login_Streaming	Х			X			Х			Х	X		X							
350_Dictionary_Streaming	Х			Х				Χ		Х		Х	Χ							
360_MP_ConnectionRecovery	Х			X			Х			X	X		X			Χ				
405_MP_MsgPacking	Х			X						X		Χ								Х
421_MP_ProgrammaticCfg	Х				X					X		X		Χ						
430_MP_Authentication	X			X			X			X		X	X				X		Х	

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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	X			
		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	X				 		Х		Х		X							\neg	\vdash
160_Login_AcceptDeny	+~	X				 		Х		Х		X							\neg	\vdash
161_Login_AcceptDeny_DomainRep	1	Х						Х		Х		Х				Χ			\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		Χ							\Box
280_MP_Perf	х		Х					Χ		Х	Χ		Χ							\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		Χ	Χ		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												
Map::add<>()	× × × × FieldList::add<>()	ElementList::add<>()	× × RefreshMsg::set<>()	× UpdateMsg::set<>()	RefreshMsg::get<>()	PostMsg::get<>()	AckMsg::set<>()	GenericMsg::get<>()	UpdateMsg::get<>()				
	Χ		Χ	X									
	Х		Х										
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