List of Consumer Examples Docid: EMAC390L3EX.250

Consumer Example Name	Feature																																							
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		Tunneling Connection	اپر								g	90	SS				Reissue Pause & Resume		Api Dispatch Sub Stream(Msg in Msg)		ıfig	Specify Admin messages		(8				Authentication Token Handling		uo	Login Domain Representation	Session Management		ServiceEndpointDiscovery Helper		OAuth2 Credential Callback		Multi-Credential Config Ability to Pass In Dictionary Object	2	
	uest	nec	Snapshot request	<u>.</u>						ا ـ	On Stream postring	Off Stream Posting	Vri Sending generic msg	>			8 R		Sg ii		Programmatic Config	me	ے اور				Horizontal Scaling	2		Channel Information	Rep	gem		ntD		ntia		<u>= a</u>	<u> </u>	g _u
	requ	Con	req	Close request	<u>و</u>				١	Private Stream	pos	Po	neri	Reissue priority	tch	No.	use	tch	ا ک		atic	m in	Kmtes Decoder forth(FieldName)	forth(const Data	Tunnel stream	qs	Sca	tion	ane	forr	ain	anag	. 1	poi	Warm Standby	edei	<u> </u>	ent.	Ability to Pass Preferred Host	Request Routing
	ing	ing	hot	req	Set Closure	Ι.			SymbolList	Str	am	eam	g	pri	Reissue batch	Reissue View	Pa	User Dispatch	Api Dispatch Sub Stream(I	nfig	m L	Ad	Dec ield	Suo	stre	Ripple Fields	ntal	tica	Login Reissue	=	mo(ž	HandleRTT	End	Star	Cr	oAuth2 JWT	Ted of	ed +	it Re
	Streaming	neli	SdE	Se l	<u>ਹ</u> ੋ	Qos	ੂ ਦ	3	loqu	ate	Stre	Stre	ding	SSUE	es e	es ue	ssue	i Di	Dis	File Config	grai	cify	tes h/F) H	nel	ple	izor	hen	in R	une	in D	sion	dle	vice	Ē	uth2	ıth.	<u> </u>	lı ty ferr	lnes
	Stre	Tun	Sna	Clo	Set	Qos	Batch	View	Syn	Priv	On	JJO L	Sen	Rei	Rei	Rei	Rei	Use	Api Sub	File	Pro	Spe	Km for	for	Tun	Rip	Hor	Aut	Log	Cha	Log	Ses	Har	Ser	Wa	OAI	OAL	N A Pic	Pre	Rec
100_MP_Streaming	Х																		Х															\Box						
101_MP_QosPriority	Х				_	x >	(_			-	-			X														\dashv	_			_	+	+	$\perp \perp \mid$
102_MP_Snapshot 110_MP_FileCfg	Х		Х		+											+			X	Х										_			+	+			+	+	+	++
111_MP_UserSpecifiedFileCfg	X			+	+											+				X				+						\dashv			+	+			+	+	+	+
112_MP_TunnelingConnection	X	Х		\dashv	+		+	+			\dashv	\dashv	+		+	+			Х	X	\dagger		+	+	+		$\vdash \vdash$			\dashv	\dashv		+	十	\dashv		х	+	+	+
113_MP_SessionMgmt	Х	Х					工									I			Х	Х	_			工							丁	Х					ナ	工		
120_MP_FieldListWalk	Х			\Box														\Box	Х					\perp			Ш				\Box		工	工			工	工	工	\Box
121_MP_FieldListSrchByName	X			_	х		\perp	_	<u> </u>		_	_	\perp			1			Х		$\downarrow \downarrow \downarrow$		Х							_			\bot	\dashv			\bot	\bot	4	\coprod
130_MP_UserDisp	X			_	+							+			_	-	+	Х	<u> </u>		+		-	+	+					_			+	+			+	+	+	+
140_MBO_Streaming 170_MP_ChannelInfo	X	$\vdash \vdash$	\dashv	+	+	+	+	+	\vdash		\dashv	-+	+	-	+	+	+		X	Х	+		+	+	+		$\vdash\vdash$	-	\dashv	х	\dashv	\dashv	+	+	\dashv	+	+	+	+	+
180_MP_Websocket	X				+		+	+			+		+		+	+		Х	^	X				+	+		\vdash				-+		+	+	-		+	+	+	+
200_MP_Streaming	X		\dashv	\dashv	十		\top				\neg				\top	1			Х	† <u> </u>	1 1		\top	\top	†					一	\dashv	\dashv	\top	十	\neg		十	+	+	+
210_MBO_Streaming	Х																		Х																					
220_MBP_PrivateStream	Х									Х		_						Х															_							Ш
230_MBO_SwitchEntryAction	X															-		Х						-	+	 				_	_		\rightarrow	+			+	+	+	+
240_MP_RippleFields 250_Custom_Opaque	X				Х													Х	X							Х				_			+	\dashv			+	+	+	+
260_MP_FieldListSearchByList	X				+										+	+			X					 x						+	+		+	十			+	+	+	++
270_SymbolList	Х		1	+	+											+			X	1				+						_		1	\top	\dashv			十	十	+	+
280_MP_Perf	Х																		Х																					
290_Custom_Decode	Х				Х														Х														\perp	\perp			4	\perp		Ш
291_Custom_DownCast	X				X				-						-	+		Х		-				-						_			\dashv	\dashv			+	+	+	$\perp \perp \mid$
300_MP_Close 301_MP_PriorityChange	X			Х	<u>х </u> х									X	,	+		Х	Х											_			+	\dashv			+	+	+	+
310_MP_Rmtes	X		-	+	^ +			+	 		\dashv	+		+^	`	+			Х	+			x	+	+	-		+		\dashv	\dashv	+	+	十			+	+	+	++
320_Custom_GenericMsg	X				х								Х					Х					`										+	十			+	+	+	+
330_Login_Streaming	Х																	Х																						
331_Directory_Streaming	Х																		Х														\Box	\Box			\Box	工	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{\square}}}$	Ш
332_Dictionary_Streaming	Х																		Х														\dashv	_			_	\bot		Ш
333_Login_Streaming_DomainRep	X		_	_	,						_					+		Х						-							Х		+	\dashv			+	+	_	+
340_MP_OnStreamPost 341_MP_OffStreamPost	X		_		X X						Х	x >	,		-				X					+		-				+			+	+			+	+	+	+
350_MP_PauseAll	X			+	^							^				+	Х		X	\vdash										_			+	+			+	+	+	+
360_MP_View	Х		\neg	\dashv	\dashv		\top	Х			\neg				\top	1	-	Х	-	t	1 1		\top	+	+					\neg	\dashv	+	十	十			十	十	+	+
370_MP_Batch	Х						Х												Х														工	工			工	工		
400_Custom_NestedMessaging	Х				Х					Х	Ţ								ХХ		$oxed{\Box}$						Щ				丁		$\bot\!$	工	Ţ		工	工	<u> </u>	\Box
410_MP_HorizontalScaling	X			_	х										_	1	+	X		1	$\downarrow \downarrow \downarrow$		\perp	+	+		Х			_			\dashv	\dashv			+	+	+	+
420_MP_AdminDomainCfg 421_MP_ProgrammaticCfg	X	\vdash		+	+		+	+					-		+	+		Х	Х	-	X	Х	_	+	+		$\vdash \vdash$			-	\dashv		+	+	_		+	+	+	+
421_MP_ProgrammaticCtg 422_MP_ErrorClient	X	\vdash		+	+		+	+	\vdash				+		-	+			X	\vdash	+^+			+	+		$\vdash \vdash$			+	+		+	+	\dashv	+	+	+	+	+
423_MP_AdminDomainCfg_DomainRep	X		\dashv	\dashv	+		+				\dashv	+			+	+	+	Х		1	\dagger	Х	+	+	+		\vdash	-	\dashv	\dashv	х	\dashv	+	+	\dashv	$\neg \uparrow \neg$	+	+	+	+
430_MP_Authentication	Х																		Х						1			Х	Х									丁	丁	
440_System_TunStrm	Х																		ХХ						Х								\Box	工			工	工	工	П
450_MP_QueryServiceDiscovery	X	Х	[\perp				<u> </u>								\coprod		X		Х			\perp	<u> </u>							Х	\perp	Х			\perp	\perp	<u> </u>	\coprod
451_MP_OAuth2Callback_V2	X	X		+	+		+	_			_	_	_		+	+	+		X	-	X			+	+		$\vdash \vdash$			_	_		+	\dashv	_	X	x -	+	+	+
452_MP_OAuth2Callback_V2JWT 460_MP_RTT	X		\dashv	+	+	-	+	+	\vdash	$\vdash \vdash$	\dashv	+	+	-	+	+	+	\dashv	X	Х	_ ^	-	+	+	+		$\vdash \vdash$		-	\dashv	\dashv	+	Х	+	\dashv	X	^	+	+	++
470_MP_WarmStandby	X		+	\perp	\dashv						+				+	+	+		X	 ^	Х		\dashv	+	+					\dashv	+		^	+	х	^	+	+	+	+
480_MP_MultiCredentials	Х			+	+		+	+			+	\dashv	+		+	+			X		X			+	+					+	-	(+			X	x 	\star	+	+
490_Specify_Dict_Object	Х			丁	工														Х															士			ユ	Х		
500_PH_FileConfig	Х			\Box														\Box	Х	Х	_			\perp			Ш			Х	\Box		工	工			工	工	Х	
501_PH_ProgrammaticCfg	X			\perp	_		\perp	_					_		_	-			X	-	Х			+						X			\bot	\dashv		_	+	\bot	X	
502_PH_ChannelInfo	X	\vdash	\dashv	\dashv	+	_	+	+	-		\dashv		_	-	+	+	+		X	-	+		+	+	+		$\vdash \vdash$	-	\dashv	X	\dashv	\dashv	+	+	-	-	+	+	X	_
510_RequestRouting_FileCfg 511_RequestRouting_ProgrammaticCfg	X			+	+		+	+	-		-		+		+	+			X	1	X		+	+	+		$\vdash \vdash$			X	\dashv		+	+	\dashv	+	+	+	+	X
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	(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	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		Χ	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			X	X		X							
350_Dictionary_Streaming	Х			Х				Χ		Х		Χ	X							
360_MP_ConnectionRecovery	Х			X			Х			X	X		X			X				
405_MP_MsgPacking	Х			X						X		Χ								Х
421_MP_ProgrammaticCfg	Х				X					Χ		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	X								
		Χ		Χ	Х								
		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		Х							\Box
280_MP_Perf	х		Х					Χ		Х	Χ		Χ							\Box
300_MP_Close	х		Х					Χ		Х		Х	Х							\Box
301_MP_PriorityChange	х		Х					Х		Х	Х		Х							\Box
320_Custom_GenericMsg	Х		Х					Χ		Х	Χ		Х							
331_Directory_UserControl	Х				Х		Х			Х		Х	Х							
332_Dictionary_UserControl	Х							Χ	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	X							
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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	Х	Χ	Х	Χ									
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