List of Consumer Examples

DocID: EMAC363EX.210

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	Streaming request	Tunneling Connection	Snapshot request	Close request	Set Closure	S	Priority	Batch	View	SymbolList	Private Stream	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)	File Config	Programmatic Config	Specify Admin messages	Rmtes Decoder	forth(FieldName)	forth(const Data	Tunnel stream	Ripple Fields	Horizontal Scaling	Authentication Token Handling	Login Reissue	Channel Information	Login Domain Representation	Session Management	HandleRTT	ServiceEndpointDiscovery Helper
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100_MP_Streaming	Х			\square	_			ļ	ļ			_		ļ		ļ					Х	ļ				_	_		\perp	_				Ш		\dashv	\dashv	
101_MP_QosPriority	Х		_			Х	Х					_	_								Х								_	_	_			Ш	,——	\dashv	\rightarrow	_
102_MP_Snapshot			Х	\square							_	_					_				Х					_			\perp	_				\square		\dashv	\dashv	
110_MP_FileCfg	X		_	\square	_	_					\dashv	\dashv	_				\dashv			\square	Х		X	_	_	\dashv	\dashv	\dashv	\dashv	\dashv	_			\square		\dashv	\dashv	\dashv
111_MP_UserSpecifiedFileCfg	X		_	\square	\dashv	\dashv					\dashv	\dashv	\dashv				\dashv			\square			X	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv			\square		\dashv	\dashv	_
112_MP_TunnelingConnection	X			$\mid \rightarrow \mid$	\dashv	\dashv					\dashv	\dashv	\dashv				\dashv				X	-	X	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv			\square			\dashv	\dashv
113_MP_SessionMgmt	X	Х			_	_						_	_				_	_			Х		Х	_	_				+	_	_	-		\vdash		Х	\dashv	\dashv
120_MP_FieldListWalk	X		_	$\vdash \vdash$. 	\dashv	\dashv				\dashv	\dashv	\dashv	_			\dashv	_	_	\vdash	X	_	\dashv	\dashv	\dashv	\dashv	, 	+	+	\dashv	\dashv	_		$\vdash\vdash$		\dashv	\dashv	\dashv
121_MP_FieldListSrchByName	X		-	\vdash	Х	\dashv		\dashv	\dashv		\dashv	\dashv	-			-	\dashv	\dashv	-		Х	\rightarrow	\rightarrow	\dashv	_	\dashv	Х	-+	+	\dashv	\dashv			Н		\dashv	\dashv	\dashv
130_MP_UserDisp	X		-	\vdash	\dashv	-		\dashv	\dashv		\dashv	\dashv	-			-	\dashv	\dashv	-	Х		\rightarrow	\rightarrow	\dashv	_	\dashv	-	-+	+	\dashv	\dashv			Н		\dashv	\dashv	\dashv
140_MBO_Streaming	X			\vdash	\dashv	_		-+	-+		\dashv	-	\dashv				\dashv	-	-	-	X		-	\dashv	-	-+	-	-+	+	\dashv	\dashv	-				\dashv	\dashv	\dashv
170_MP_ChannelInfo	X			\vdash	\dashv	_		-+	-+		\dashv	-	\dashv				\dashv	-	-	V	Х		X	\dashv	-	-+	-	-+	+	\dashv	\dashv	-		Х		\dashv	\dashv	\dashv
180_MP_Websocket	X				-+							\dashv					-+	-		Х	v		Х				_		+	\dashv				\vdash		\dashv	\dashv	\dashv
200_MP_Streaming 210_MBO_Streaming	X											\dashv					-+	-		-	X								+	\dashv				\vdash		\dashv	\dashv	
220_MBP_PrivateStream	X			\vdash	\dashv	\dashv	_	\dashv	\dashv		х	\dashv	\dashv	-		\dashv	\dashv	\dashv	-	х	Х	\dashv	\dashv	\dashv	\dashv	\dashv	-+	\dashv	+	\dashv	\dashv			Н	\longrightarrow	\dashv	\dashv	\dashv
230_MBO_SwitchEntryAction	X			\vdash	\dashv	\dashv	_	\dashv	\dashv		^ +	\dashv	\dashv	-		\dashv	\dashv	\dashv	-	X	-	\dashv	\dashv	\dashv	\dashv	\dashv	-+	\dashv	+	\dashv	\dashv			Н	\longrightarrow	\dashv	\dashv	\dashv
240_MP_RippleFields	X				х							\dashv					-+	\dashv		X						-+	-+	-+	\dashv	х				Н	$\overline{}$	\dashv	\dashv	\dashv
250_Custom_Opaque	X			\vdash	^ +	_		-+	-+		\dashv	\dashv	_			-+	\dashv	\dashv		-	Х	-	\rightarrow	\dashv		-+	-	-+	+	^	-+	-		Н	\longrightarrow	\dashv	\dashv	\dashv
260_MP_FieldListSearchByList	X			\vdash	\dashv	-	_	\dashv	\dashv		\dashv	\dashv	\dashv				\dashv	\dashv			X	-	\dashv	-+	-	-+	_	х	\dashv	\dashv	\dashv			Н	$\overline{}$	+	\dashv	\dashv
270_SymbolList	X		\neg	\dashv		\dashv	_	\dashv	\dashv		\dashv	\dashv	\dashv				\dashv	\dashv		-+	X	\dashv	\dashv	\dashv	\dashv	\dashv	-+	^ +	+	\dashv	\dashv			Н	$\overline{}$	\dashv	\dashv	\dashv
280_MP_Perf	Х				\dashv	_					\dashv	_					\dashv	_			X	$\overline{}$	\dashv	\dashv		\dashv		-+	\dashv	\dashv				Н	$\overline{}$	\dashv	\dashv	\dashv
290_Custom_Decode	X				х						-+	_					\dashv	_			X	_	\rightarrow			-+		-+	+	\dashv				Н	$\overline{}$	\dashv	\dashv	\dashv
291_Custom_DownCast	Х			\vdash	X	_		\dashv	\dashv		-	\dashv	\dashv				\dashv	\neg		Х		_	_	-		-		-	\dashv	\dashv	\dashv			Н	$\overline{}$	\dashv	\dashv	\dashv
300_MP_Close	X			х	X	\neg					\dashv	_					\dashv				Х	\neg	\dashv	\dashv	\neg	\dashv	\neg	\dashv	\dashv	\dashv	\neg			Н	\vdash	一十	十	\dashv
301_MP_PriorityChange	Х				X						\neg					х	\neg			х			\neg			\neg		\neg	+	\neg				Н	一十	一	一十	\dashv
310_MP_Rmtes	Х			$\vdash \vdash$		\dashv	\dashv			\dashv	\dashv	\dashv	\dashv				\dashv	\dashv			Х	\dashv	\dashv	\dashv	\dashv	х	\dashv	\dashv	\dashv	\dashv	\dashv	-		Н		\dashv	\dashv	\dashv
320_Custom_GenericMsg	Х			$\vdash \vdash$	х	\dashv	\dashv				+	\dashv	\dashv		Х	-	+	\dashv		х			_	+	\dashv	+	\dashv	\dashv	+	\dashv	_			H		\dashv	十	\dashv
330_Login_Streaming	X				_	\dashv	\dashv			\dashv	\dashv	十	\dashv		-	\dashv	\dashv	\dashv		Х		\neg	\dashv	\dashv	\dashv	\dashv	十	\dashv	\dashv	一	\dashv			П	$\neg \uparrow$	\dashv	\dashv	\dashv
331_Directory_Streaming	Х			\Box	\dashv	\dashv	\neg			\dashv	\dashv	一	\dashv			$\neg \dagger$	\dashv	\dashv		\Box	Х	$\neg \dagger$	\neg	\dashv	\dashv	\dashv	十	\top	\dashv	一	\dashv			М	\vdash	十	\dashv	\dashv
332_Dictionary_Streaming	Х			\Box	\neg		一			一		\neg	_			一		一		\Box	Х		\top		\neg	\neg	\dashv	\top	\top	一					\Box	\neg	\dashv	\dashv
333_Login_Streaming_DomainRep	Х			一	一	\neg	\neg			\neg	\dashv	一	\neg			\neg	\neg	一		Х		\neg		\neg	\neg	\neg	一	一	\dashv	一	\dashv			П	х	一	一	\neg
340_MP_OnStreamPost	Х			\Box	х	\neg	\neg					х	\neg					一			Х		\neg		\neg			\dashv	\dashv	\neg					\Box	一	十	\dashv
341_MP_OffStreamPost	Х			\Box	х	\neg	一			一	\neg	一	Х	Х		一	\neg	寸			Х	一			\neg	\dashv	一	一	\dashv	一	\neg			П	\Box	\neg	一	\neg
350_MP_PauseAll	Х																		Х		Х									_	_							\Box
360_MP_View	Х								Х											Х																		
370_MP_Batch	Х							Х													Х																	
400_Custom_NestedMessaging	Х				Х						Х										Х	Х																
410_MP_HorizontalScaling	Х				Х															Х											Х							
420_MP_AdminDomainCfg	Х																			Х					Х													
421_MP_ProgrammaticCfg	Х																	\Box			Х			Х														
422_MP_ErrorClient	Х																				Х																	
423_MP_AdminDomainCfg_DomainRep	Х																			Х					Х										Х			
430_MP_Authentication	Х																				Х											Х	X					
440_System_TunStrm	Х																				Х	Х							Х									
450_MP_QueryServiceDiscovery	Х	Х																			Х			Х												Х		X
460_MP_RTT	Х																				Х		Х)	Х	
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$\times \times \frac{Msg.ToString()}{}$	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									Fe	eatu	re								
	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
100_MP_Streaming	Х		Х							Χ		Х							
110_MBO_Streaming	Х		Х							Х		Х							
170_MP_ChannelInfo	Х		Х	Х						Х		Х	Χ					Χ	
200_MP_Streaming	Х			Х						Х		Х	Χ						
201_MP_TunnelingConnection	Х	Х		Х						Х		Х	Χ						
210_MBO_Streaming	Х			Х						Х		Х	X						
250_MP_Perf	Х			Х						X		Х	X						
251_MP_Perf_KeyByServiceId	Х			Х						X		Х	X						
300_MP_Streaming	Х					Χ			Х			Х	X						
310_MBO_Streaming	Х					X			X			Х	X						
320_MP_Streaming_StatusClosed	Х					X			X			Х	X		Χ				
340_Login_Streaming	Х			Х			Х			X	X		X						
350_Dictionary_Streaming	Х			Х				Х		X		Х	X						
360_MP_ConnectionRecovery	Х			Х			Х			X	X		X			X			
421_MP_ProgrammaticCfg	Х				X					X		Х		Χ					Ш
430_MP_Authentication	X			X			X			X		X	X				X		Х

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Msg.ToString()	Map::add<>()	ieldList::add<>/()	ElementList::add<>/()	efreshMsg::set<>()	/pdateMsg::set<>()	StatusMsg::set<>()	RefreshMsg::get<>()	StatusMsg::get<>()
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		X	3	X	X	S	<u> </u>	<u>S</u>
	X	X	3	X	X X	S	<u>R</u>	S
		X X X	3	X X X	X X X	S	<u> </u>	S
		X X X	3	X X X	X X X	S	R	S
		X X X X	3	X X X X	х х х х	S		S
		X X X X X		X X X X X	X X X X X	S		Ś
	X	X X X X X X		X X X X X X	X X X X X X	<u>S</u>		S
	X	X X X X X X		X X X X X X X	X X X X X X X	<u>S</u>		S
	x	X X X X X X X		X X X X X X X	X X X X X X X			<u>'S</u>
	x	X X X X X X X		X X X X X X X X	X X X X X X X X			
	X	X X X X X X X X	X X	X X X X X X X X	X X X X X X X X	x	8	
X	x	X X X X X X X X X X X X X X X X X X X		X X X X X X X X X	X X X X X X X X X			
x	x			X X X X X X X X X X X	X X X X X X X X X X		x	x
	x	Х		X X X X X X X X X X X X X	X X X X X X X X X X X X X X X X X X X			
x	x			X X X X X X X X X X X X X X X X X X X	X X X X X X X X X X X X X X X		x	x

List of Interactive Provider Examples

IProv Example Name	Feature													Structure																
	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		Map::add<>()	FieldList::add<>()	ElementList::add<>/()	RefreshMsg::set<>()	UpdateMsg::set<>()	RefreshMsg::get<>()	PostMsg::get<>()	Ackivisg::set<>()	GenericMsg::get<>()	UpdateMsg::get<>()
100_MP_Streaming	X		0	0	S			X		Х	ر	X	ш	<u> </u>	0	1		<u> </u>	U			X	Ш	X	X	~	<u>~ '</u>	4 (_	
102_MP_Snapshot	Х							Х		х		Х								1 1		Х		Х	П			1	\top	
130_MP_UserDispatch	Х							Х		х	Х									1 1		Х		Х	Х	T	1	T	\top	
140_MBO_Streaming	Х	Х						Х		х		Х								1 1	Х	Х		Х	Х	T	1	T	\top	
150_MBO_Snapshot	Х							Х		Х		Х								1 1	Х	Χ		Х	П	一	1	T	\top	
160_Login_AcceptDeny		Х						Х		Х		Х								1 1				Х	П				\top	
161_Login_AcceptDeny_DomainRep		Х						Х		Х		Х				Х				1 1				Х	П				\top	
170_MP_ConnectedClientInfo	Х	Х						Х		Х		Х	Х		Х					1 1		Χ	Χ	Х	Х					
180_MP_Websocket	Х		Χ					Х		Х	Х		Х						Х	1 1		Χ		Х	Х					
200_MP_Streaming	Х		Х					Х		Х	Х		Х							1 1		Χ		Х	Х					
210_MBP_Streaming	Х		Х					Х		Х	Χ		Х							1	Х	Χ		Х	Х					
240_SourceDirectory_Fanout	Х		Х		Х			Х		Х		Х	Х							1 [Х	Χ	Χ	Х	Х					
250_GroupStatus_Fanout	Х		Χ		Х			Х		Х		Х	Х] [Х	Χ	Χ	Х	Х					
260_Custom_NestedMsg	Х		Х					Х		Х	Х		Х] [Х		Х	Х					
280_MP_Perf	Х		Х					Х		Х	Х		Х] [Х		Х	Х					
300_MP_Close	Х		Х					Х		Х		Х	Х]		X		Х	Х					
301_MP_PriorityChange	Х		Х					Х		Х	Χ		Х] [X		Х	Х					
320_Custom_GenericMsg	Х		Х					Х		Х	Х		Х] [Х	X	Х	Х					
331_Directory_UserControl	Х				Х		Х			Х		Х	Х] [Х	Х	X	Х	Х					
332_Dictionary_UserControl	Х							Х	Х			Х	Х] [Х	Х		Х	Х					
340_MP_Posting	X		Х								Х		Х					Х] [X	X	Х	Х		X Z	х		
350_Dictionary_Streaming	Х		Χ			Х		X		Х		Х	Х] [Χ	X		Х	Х	Х			Х	
380_MP_ConnectionLost	X		Х					X		Х		Х	Х] [X		Х	Х					
421_MP_ProgrammaticCfg	X			X				X		Х	X			Х] [X		Х	Х				\bot	
460_MP_RTT	X		X									Х	Х				X] [X	X	Х	Х)	Х	