List of Consumer Examples DocID: EMAC321EX.180

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100 MarketPrice Streaming	X	Ī	S	<u>ာ </u>	O	Ь	B	>	Ś	Ь	0	0	<u> </u>	Š	~	~	~	~	<u> </u>	X	S	证	Ь	S	R	fc	fc	F	~	I	V		<u></u>
100MarketPriceStreaming 101 MarketPrice QosPriority	X			+	Х	Х														x													_
102 MarketPrice Snapshot	^		Х	+	+^	-^														x													_
110MarketPriceSilapsilot 110MarketPriceFileConfig	Х		^	+	+										+	\dashv	- 	\dashv	\dashv	<u>^</u>	+	Х								-	+	\dashv	\dashv
111MarketPriceUserSpecifiedFileConfig	X			+											+	+	\dashv	+	\dashv	^	+	X								\dashv	\dashv	+	\dashv
112MarketPriceTunnelingConnection	X	Х		+	+									\dashv	\dashv	\dashv	\dashv	\dashv	\dashv	х	\dashv	^	\dashv					-		-	\dashv	\dashv	\dashv
120MarketPriceFieldListWalk	X	^	-+	+										\dashv	+	\dashv	\dashv	\dashv	\dashv	X	\dashv	\dashv	\dashv							-	\dashv	\dashv	\dashv
121MarketPriceFieldListSearchByName	X			Х	1											\dashv		+	\dashv	X	+	\dashv				Х				- 		\dashv	\dashv
130MarketPriceUserDispatch	Х			 ^															Х	$\stackrel{\sim}{-}$													$\overline{}$
140_MarketByOrder_Streaming	X			+	1										<u> </u>					Х											<u> </u>		$\overline{}$
200_MarketPrice_Streaming	X			+	1										<u> </u>					X											<u> </u>		$\overline{}$
210_MarketByOrderStreaming	Х																			X													
220MarketByPricePrivateStream	Х									Х									Х														
230MartketByOrderSwitchOnEntryAction	Х			1	1														Х														
240MarketPriceRippleFields	Х			х	1														Х										Х				
250CustomOpaque	Х																			Х													
260MarketPriceFieldListSearchByList	Х																			Х							Х						
270SymbolList	Х																			Х													
280MarketPricePerformance	Х																		ĺ	Х													
290Custom_Decode	Х			Х															ĺ	Х													
291Custom_DownCast	Х			Х															Х														
300MarketPriceClose	Х		2	х х																Х													
301MarketPricePriorityChange	Х			Х											Х				Х														
310MarketPriceRmtes	Х																			Х					X								
320CustomGenericMsg	Х			Х										Х					Х														
330LoginSteaming	Х																		Х														
331DirectoryStreaming	Х			_																Х													
332DictionaryStreaming	Х			_																Х													
333LoginStreamingDomainRepresentation	Х																		Х														Х
340_MarketPrice_OnStreamPost	Х			X		1					Х									Х												\perp	_
341MarketByOrderOffStreamPost	Х			Х								Х	Х							Х												_	_
350_MarketPricePauseAll	X			_	-		<u> </u>	.,								\dashv		Х	,,	Х	\dashv	\dashv										_	_
360MarketPriceView	X			+			1,,	Х											Х		_	\dashv									\perp	\perp	\dashv
370MarketPriceBatch	X			-	+		X									_				X												_	
400CustomNestedMessaging	X			X						Х					+	\dashv	\dashv	\dashv	V	Х	Х	\dashv								_	\dashv	\dashv	\dashv
410MarketPriceHorizontalScaling	X			Х			<u> </u>								_	\dashv		\dashv	X	\dashv	+	\dashv		V						Х		\dashv	\dashv
420MarketPriceAdminDomainConfig	X			+	+														Х	V		\dashv	Х	Х								\dashv	\dashv
421MarketPriceProgrammaticConfig 422MarketPriceErrorClient	X			+													_	_	\dashv	X		\dashv	^							\dashv	\dashv	\dashv	\dashv
423MarketPriceErrorClient 423MarketPriceAdminDomainConfigDomainR				+												\dashv	+	\dashv	\dashv	^	\dashv	\dashv										\dashv	\dashv
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430MarketPriceTREPAuthentication	X			+												\dashv	\dashv	\dashv	^	х	+	\dashv		^						-	Х	х	^
440SystemTunnelstream	X		-+	Х											+	\dashv	\dashv	\dashv	\dashv	X	х	\dashv						Х			^	^	\dashv
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	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->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	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	Login Reissue
100MarketPriceStreaming	Х	Х							Χ		Χ						
110MarketByOrderStreaming	Х	X							Χ		X						
200MarketPriceStreaming	Х		Х						Χ		Χ	Х					
210MarketByOrderStreaming	Х		Х						Χ		X	X					
250MarketPricePerformance	X		Х						Х		Х	Х					
251MarketPricePerformanceKeyByServiceId	X		X						Х		Х	X					
300MarketPriceStreaming	X				Х			Х			X	X					
310MarketByOrderStreaming	Х				Х			Χ			X	Χ					
320MarketPriceStreamingStatusClosed	Х				X			X			Χ	X		Χ			
340LoginStreaming	Х		Х			Х			X	Х		Х					
350DictionaryStreaming	Х		Х				Х		Χ		Χ	Х					
360MarketPriceConnectionRecovery	X		Х		_	X			X	X		X			X		

Structure										
Msg.ToString()	Map::add<>()	x x x x x FieldList::add<>()	ElementList::add<>()	X X X X X X X X X RefreshMsg::set<>()	x x x x x x UpdateMsg::set<>()	StatusMsg::set<>()	RefreshMsg::get<>()	StatusMsg::get<>()		
		X		Х	Х					
	Χ	Х		Χ	Х					
		Х		Χ	Х					
	Х	Х		X	Χ					
		Χ		Χ	Х					
		Χ		Χ	Х					
	X	X X X	X	X	X					
	Х	Χ	X	X	X					
	Х	X	Х	Х	Х	Χ				
X		Х		X	X					
				X	Х		Х	Х		
X		Χ		X	X		X	X		

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
100MarketPriceStreaming	X	X						X		X		X		
102MarketPriceSnapshot	X	Х						Χ		Х		X		
112MarketPriceTunnelingConnection	X	Х						Χ		Χ		X		
130MarketPriceUserDispatch	X	Х						Χ		Χ	Χ			
140MarketByOrderStreaming	X	Х						X		X		X		
150MarketByOrderSnapshot	X	Х						Χ		Χ		X		
160LoginAcceptDeny		Х						Χ		Χ		X		
200MarketPriceStreaming	X		Х					Χ		Χ	Χ		X	
210MarketByPriceStreaming	X		Х					Χ		Χ	Χ		X	
240SourceDirectoryFanout	X		X		X			Χ		X		X	X	
250GroupStatusFanout	X		X		X			X		X		X	X	
260CustomNestedMsg	Х		Х					X		Χ	Χ		X	
280MarketPricePerformance	Х		Х					X		Χ	Χ		X	
300MarketPriceClose	Х		X					Χ		X		X	X	
301MarketPricePriorityChange	X		X					Χ		X	X		X	
320CustomGenericMsg	Х		X					X		X	X		X	
331DirectoryUserControl	Х				Χ		X			X		X	X	
332DictionaryUserControl	Х							X	Χ			X	X	
350DictionaryStreaming	X		Х			X		X		X		X	X	
380 MarketPrice ConnectionLost	Х		Х					Χ		Х		Х	Χ	

		Str	uctu	re
Map::add<>()	x x x x x FieldList::add<>()	ElementList::add<>()	X X X X X X X X X X RefreshMsg::set<>()	× UpdateMsg::set<>()
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	Х		Х	
	Х		Х	Χ
	Х		Х	X X X
X	Х		Х	Χ
Х	Х		Х	
			Х	
	Х		Χ	Χ
Х	Χ		Χ	Χ
X	Χ	Х	Χ	Х
Х	Х	Х	Х	Х
	Х		Х	Х
	X X X X X		Х	X X X X X
	Х		Х	Х
	Х		Х	Х
	Х	Х	Х	Х
Х	X	X	X	X
X	X		X	X
X	X		X	X
	Х		Х	Х