

DocID: FMAC362EX.210

| Structure | |
|--|---|
| Msg.ToString() | X |
| Msg->FieldList.ToString() | X |
| Map->FieldList->ToString() | X |
| Msg->FieldList | X |
| Msg->Map->FieldList | X |
| Msg->Map(Action type,Key)->FieldList | X |
| Msg->Map(Sum,Key>Action)->FieldList | X |
| Msg->Map->FieldList->Primitive types | X |
| Msg->FieldList or ElementList | X |
| Msg->Map->FieldList, ElementList | X |
| Msg->Msg->FieldList | X |
| Msg->ElementList->Vector->ElementList | X |
| Msg->Map->FilterList->ElementList or Map | X |
| Msg->Series->ElementList | X |
| Msg->Opaqu | X |

List of Non-Interactive Provider Examples

| NiProv Example Name | Feature | | | | | | | | | | | | | | | | | | | |
|-------------------------------|-----------|----------------------|----------------------------|---|--|---------------------------------|---------------|--------------------|-----------------------------|----------------------------|--------------|-------------|-------------|---------------------|-----------------------|---------------------|-------------------------------|---------------------|---------------|--|
| | Streaming | Tunneling Connection | Hardcoded Source Directory | Configurable Source Directory from EmsaConfig.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 | X | | X | | | | | | | X | | X | | | | | | | | |
| 110_MBO_Streaming | X | | X | | | | | | | X | | X | | | | | | | | |
| 170_MP_ChannellInfo | X | | X | X | | | | | | X | | X | X | | | | | X | | |
| 200_MP_Streaming | X | | | X | | | | | | X | | X | X | | | | | | | |
| 201_MP_TunnelingConnection | X | X | | X | | | | | | X | | X | X | | | | | | | |
| 210_MBO_Streaming | X | | | X | | | | | | X | | X | X | | | | | | | |
| 250_MP_Perf | X | | | X | | | | | | X | | X | X | | | | | | | |
| 251_MP_Perf_KeyByServiceId | X | | | X | | | | | | X | | X | X | | | | | | | |
| 300_MP_Streaming | X | | | | | X | | | X | | | X | X | | | | | | | |
| 310_MBO_Streaming | X | | | | | X | | | X | | | X | X | | | | | | | |
| 320_MP_Streaming_StatusClosed | X | | | | | X | | | X | | | X | X | | X | | | | | |
| 340_Login_Streaming | X | | | X | | | X | | | X | X | | X | | | | | | | |
| 350_Dictionary_Streaming | X | | | X | | | | X | | X | | X | X | | | | | | | |
| 360_MP_ConnectionRecovery | X | | | X | | X | | | | X | X | | X | | | X | | | | |
| 421_MP_ProgrammaticCfg | X | | | | X | | | | | X | | X | | X | | | | | | |
| 430_MP_Authentication | X | | | X | | X | | | | X | | X | X | | | | X | | X | |

| Structure | | | | | | | | | |
|-----------|--|--|--|--|--|--|--|---|-----------------------|
| | | | | | | | | | Msg::ToString() |
| | | | | | | | | X | Map::add<<>() |
| | | | | | | | | X | FieldList::add<<>() |
| | | | | | | | | X | ElementList::add<<>() |
| | | | | | | | | X | RefreshMsg::set<>() |
| | | | | | | | | X | UpdateMsg::set<>() |
| | | | | | | | | | StatusMsg::set<<>() |
| | | | | | | | | | RefreshMsg::get<>() |
| | | | | | | | | | StatusMsg::get<<>() |

List of Interactive Provider Examples

| IProv Example Name | Feature | | | | | | | | | | | | | | | | | | | Structure | | | | | | | | | |
|--------------------------------|-----------|----------------------------|--|--|---------------------------------|--------------------|-----------------------------|----------------------------|------------------------------|-----------------------------|--------------|-------------|-------------|---------------------|------------------------------|-----------------------------|------------|---------|------------------------|--------------|--------------------|----------------------|---------------------|--------------------|---------------------|------------------|-----------------|---------------------|--------------------|
| | Streaming | Hardcoded Source Directory | Configurable Source Directory from EnaConfig.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 | HandlerRTT | Posting | Closing client channel | Map::add<>() | FieldList::add<>() | ElementList::add<>() | RefreshMsg::set<>() | UpdateMsg::set<>() | RefreshMsg::get<>() | PostMsg::get<>() | AdmMsg::set<>() | GenericMsg::get<>() | UpdateMsg::get<>() |
| 100_MP_Streaming | X | X | | | | | | X | | X | | X | | | | | | | | | X | | X | | | | | | |
| 102_MP_Snapshot | X | X | | | | | | X | | X | | X | | | | | | | | | | X | | X | | | | | |
| 130_MP_UserDispatch | X | X | | | | | | X | | X | X | | | | | | | | | | | X | | X | | | | | |
| 140_MBO_Streaming | X | X | | | | | | X | | X | | X | | | | | | | | | | X | X | X | X | | | | |
| 150_MBO_Snapshot | X | X | | | | | | X | | X | X | X | | | | | | | | | | X | X | | | | | | |
| 160_Login_AcceptDeny | | X | | | | | | X | | X | X | | | | | | | | | | | | X | | | | | | |
| 161_Login_AcceptDeny_DomainRep | | X | | | | | | X | | X | X | X | | | | | X | | | | | | X | | | | | | |
| 170_MP_ConnectedClientInfo | X | X | | | | | | X | | X | | X | X | | X | | | | | | | X | X | X | X | | | | |
| 180_MP_Websocket | X | | X | | | | | X | | X | X | | X | | | | | | | X | | X | X | X | | | | | |
| 200_MP_Streaming | X | X | | | | | | X | | X | X | X | X | | | | | | | | | X | | X | | | | | |
| 210_MBP_Streaming | X | | X | | | | | X | | X | X | X | X | | | | | | | | | X | X | X | X | | | | |
| 240_SourceDirectory_Fanout | X | | X | | X | | | X | | X | | X | X | | | | | | | | | X | X | X | X | X | | | |
| 250_GroupStatus_Fanout | X | | X | | X | | | X | | X | | X | X | | | | | | | | | X | X | X | X | | | | |
| 260_Custom_NestedMsg | X | | X | | | | | X | | X | X | X | X | | | | | | | | | X | | X | | | | | |
| 280_MP_Perf | X | | X | | | | | X | | X | X | | X | | | | | | | | | X | | X | | | | | |
| 300_MP_Close | X | | X | | | | | X | | X | | X | X | | | | | | | | | X | | X | | | | | |
| 301_MP_PriorityChange | X | | X | | | | | X | | X | X | X | X | | | | | | | | | X | | X | | | | | |
| 320_Custom_GenericMsg | X | | X | | | | | X | | X | X | X | X | | | | | | | | | X | X | X | X | | | | |
| 331_Directory_UserControl | X | | | | X | | X | | | | X | | X | X | | | | | | | | X | X | X | X | | | | |
| 332_Dictionary_UserControl | X | | | | | | | X | X | | | X | X | | | | | | | | | X | X | X | X | | | | |
| 340_MP_Posting | X | | X | | | | | | | | X | | X | | | | | | X | | | X | X | X | X | X | X | | |
| 350_Dictionary_Streaming | X | | X | | | X | | X | | X | | X | X | | | | | | | | | X | X | X | X | X | | X | |
| 380_MP_ConnectionLost | X | | X | | | | | X | | X | | X | X | | | | | | | | | X | X | X | | | | | |
| 421_MP_ProgrammaticCfg | X | | | X | | | | X | | X | X | | | X | | | | | | | | X | | X | | | | | |
| 460_MP_RTT | X | | X | | | | | | | | | X | X | | | | X | | | | | X | X | X | X | | X | | |