

## List of Consumer Examples

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## List of Non-Interactive Provider Examples

| Non-Interactive Provider 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 |
| ex100_MP_Streaming                    | X         |                      | X                          |  |  |                                 |               |                    |                             | X                          |              | X           |             |                     |                       |                     |                               |                     |               |
| ex110_MBO_Streaming                   | X         |                      | X                          |  |  |                                 |               |                    |                             | X                          |              | X           |             |                     |                       |                     |                               |                     |               |
| ex170_MP_ChannelInfo                  | X         |                      |                            | X  |  |                                 |               |                    |                             | X                          |              | X           |             |                     |                       |                     |                               | X                   |               |
| ex200_MP_Streaming                    | X         |                      |                            | X  |  |                                 |               |                    |                             | X                          |              | X           | X           |                     |                       |                     |                               |                     |               |
| ex201_MP_TunnelingConnection          | X         | X                    |                            | X  |  |                                 |               |                    |                             | X                          |              | X           | X           |                     |                       |                     |                               |                     |               |
| ex210_MBO_Streaming                   | X         |                      |                            | X  |  |                                 |               |                    |                             | X                          |              | X           | X           |                     |                       |                     |                               |                     |               |
| ex250_MP_Perf                         | X         |                      |                            | X  |  |                                 |               |                    |                             | X                          |              | X           | X           |                     |                       |                     |                               |                     |               |
| ex251_MP_Perf_KeyByServiceId          | X         |                      |                            | X  |  |                                 |               |                    |                             | X                          |              | X           | X           |                     |                       |                     |                               |                     |               |
| ex300_MP_Streaming                    | X         |                      |                            |  |  | X                               |               |                    | X                           |                            |              | X           | X           |                     |                       |                     |                               |                     |               |
| ex310_MBO_Streaming                   | X         |                      |                            |  |  | X                               |               |                    | X                           |                            |              | X           | X           |                     |                       |                     |                               |                     |               |
| ex320_MP_Streaming_StatusClosed       | X         |                      |                            |  |  | X                               |               |                    | X                           |                            |              | X           | X           |                     | X                     |                     |                               |                     |               |
| ex340_Login_Streaming                 | X         |                      |                            | X  |  |                                 | X             |                    |                             | X                          | X            |             | X           |                     |                       |                     |                               |                     |               |
| ex350_Dictionary_Streaming            | X         |                      |                            | X  |  |                                 |               | X                  |                             | X                          |              | X           | X           |                     |                       |                     |                               |                     |               |
| ex360_MP_ConnectionRecovery           | X         |                      |                            | X  |  |                                 | X             |                    |                             | X                          | X            |             | X           |                     |                       | X                   |                               |                     |               |
| ex421_MP_ProgrammaticCfg              | X         |                      |                            |  | X  |                                 |               |                    |                             | X                          |              | X           |             | X                   |                       |                     |                               |                     |               |
| ex430_MP_Authentication               | X         |                      |                            | X  |  |                                 |               |                    |                             | X                          |              | X           | X           |                     |                       |                     | X                             |                     | X             |

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List of Interactive Provider Examples

| Interactive Provider 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 | HandleRTT | Connected Client Information | Login Domain Representation | Posting | Programmatic Config |   | Closing client channel | Map::add<>() | FieldList::add<>() | ElementList::add<>() | RefreshMsg::set<>() | UpdateMsg::set<>() | RefreshMsg::get<>() | PostMsg::get<>() | AckMsg::set<>() | GenericMsg::get<>() |
| ex100_MP_Streaming                | X         | X                          |  |  |                                 |                    |                             | X                          |                              | X                           |              | X           |             |           |                              |                             |         |                     |   |                        |              |                    | X                    | X                   |                    |                     |                  |                 |                     |
| ex102_MP_Snapshot                 | X         | X                          |  |  |                                 |                    |                             | X                          |                              | X                           |              | X           |             |           |                              |                             |         |                     |   |                        |              |                    | X                    |                     |                    |                     |                  |                 |                     |
| ex130_MP_UserDispatch             | X         | X                          |  |  |                                 |                    |                             | X                          |                              | X                           | X            |             |             |           |                              |                             |         |                     |   |                        |              |                    | X                    | X                   |                    |                     |                  |                 |                     |
| ex140_MBO_Streaming               | X         | X                          |  |  |                                 |                    |                             | X                          |                              | X                           |              | X           |             |           |                              |                             |         |                     |   |                        |              |                    | X                    | X                   |                    |                     |                  |                 |                     |
| ex150_MBO_Snapshot                | X         | X                          |  |  |                                 |                    |                             | X                          |                              | X                           |              | X           |             |           |                              |                             |         |                     |   |                        |              |                    | X                    |                     |                    |                     |                  |                 |                     |
| ex160_Login_AcceptDeny            |           | X                          |  |  |                                 |                    |                             | X                          |                              | X                           |              | X           |             |           |                              |                             |         |                     |   |                        |              |                    | X                    |                     |                    |                     |                  |                 |                     |
| ex161_Login_AcceptDeny_DomainRep  |           | X                          |  |  |                                 |                    |                             | X                          |                              | X                           |              | X           |             |           |                              | X                           |         |                     |   |                        |              |                    | X                    |                     |                    |                     |                  |                 |                     |
| ex170_MP_ConnectedClientInfo      | X         |                            | X  |  |                                 |                    |                             | X                          |                              | X                           | X            |             |             |           | X                            |                             |         |                     |   |                        |              |                    | X                    | X                   |                    |                     |                  |                 |                     |
| ex180_MP_Websocket                | X         |                            | X  |  |                                 |                    |                             | X                          |                              | X                           | X            |             | X           |           |                              |                             |         |                     | X |                        |              |                    | X                    | X                   |                    |                     |                  |                 |                     |
| ex200_MP_Streaming                | X         |                            | X  |  |                                 |                    |                             | X                          |                              | X                           | X            |             | X           |           |                              |                             |         |                     |   |                        |              |                    | X                    | X                   |                    |                     |                  |                 |                     |
| ex210_MBP_Streaming               | X         |                            | X  |  |                                 |                    |                             | X                          |                              | X                           | X            |             | X           |           |                              |                             |         |                     |   |                        |              |                    | X                    | X                   |                    |                     |                  |                 |                     |
| ex240_SourceDirectory_Fanout      | X         |                            | X  |  | X                               |                    |                             | X                          |                              | X                           |              | X           | X           |           |                              |                             |         |                     |   |                        |              |                    | X                    | X                   | X                  |                     |                  |                 |                     |
| ex250_GroupStatus_Fanout          | X         |                            | X  |  | X                               |                    |                             | X                          |                              | X                           |              | X           | X           |           |                              |                             |         |                     |   |                        |              |                    | X                    | X                   | X                  |                     |                  |                 |                     |
| ex260_Custom_NestedMsg            | X         |                            | X  |  |                                 |                    |                             | X                          |                              | X                           | X            |             | X           |           |                              |                             |         |                     |   |                        |              |                    | X                    | X                   | X                  |                     |                  |                 |                     |
| ex280_MP_Perf                     | X         |                            | X  |  |                                 |                    |                             | X                          |                              | X                           | X            |             | X           |           |                              |                             |         |                     |   |                        |              |                    | X                    | X                   | X                  |                     |                  |                 |                     |
| ex300_MP_Close                    | X         |                            | X  |  |                                 |                    |                             | X                          |                              | X                           |              | X           | X           |           |                              |                             |         | X                   |   |                        |              |                    | X                    | X                   |                    |                     |                  |                 |                     |
| ex301_MP_PriorityChange           | X         |                            | X  |  |                                 |                    |                             | X                          |                              | X                           | X            |             | X           |           |                              |                             |         |                     |   |                        |              |                    | X                    | X                   |                    |                     |                  |                 |                     |
| ex320_Custom_GenericMsg           | X         |                            | X  |  |                                 |                    |                             | X                          |                              | X                           | X            |             | X           |           |                              |                             |         |                     |   |                        |              |                    | X                    | X                   | X                  |                     |                  |                 |                     |
| ex331_Directory_UserControl       | X         |                            |  |  | X                               |                    | X                           |                            |                              | X                           |              | X           | X           |           |                              |                             |         |                     |   |                        |              |                    | X                    | X                   | X                  |                     |                  |                 |                     |
| ex332_Dictionary_UserControl      | X         |                            | X  |  |                                 |                    |                             | X                          | X                            |                             |              | X           | X           |           |                              |                             |         |                     |   |                        |              |                    | X                    | X                   | X                  |                     |                  |                 |                     |
| ex340_MP_Posting                  | X         |                            | X  |  |                                 |                    |                             |                            |                              |                             |              | X           | X           |           |                              |                             | X       |                     |   |                        |              |                    | X                    | X                   |                    |                     |                  |                 |                     |
| ex350_Dictionary_Streaming        | X         |                            | X  |  |                                 | X                  |                             | X                          |                              | X                           |              | X           | X           |           |                              |                             |         |                     |   |                        |              |                    | X                    | X                   | X                  | X                   |                  |                 | X                   |
| ex380_MP_ConnectionLost           | X         |                            | X  |  |                                 |                    |                             | X                          |                              | X                           |              | X           | X           |           |                              |                             |         |                     |   |                        |              |                    |                      | X                   | X                  |                     |                  |                 |                     |
| ex421_MP_ProgrammaticCfg          | X         |                            |  | X  |                                 |                    |                             | X                          |                              | X                           | X            |             |             |           |                              |                             |         |                     | X |                        |              |                    | X                    | X                   |                    |                     |                  |                 |                     |
| ex460_MP_RTT                      | X         |                            | X  |  |                                 |                    |                             |                            |                              |                             | X            |             | X           | X         |                              |                             |         |                     |   |                        |              |                    | X                    | X                   | X                  |                     | X                |                 |                     |