



The goal is to make it easy to extend the capabilities of Morae. To be able to rapidly respond to customer needs, we are adding the ability to upgrade Morae without waiting for the next release. This open architecture scheme allows Morae to discover and utilize plug-ins that are installed on the user's system at run time. Customers or other developers should be able to write plug-ins to customize Morae, allowing it to more readily address the needs of specific users or markets.

The plug-ins will be COM objects that implement interfaces that we have designed to interact with Recorder and Manager. This allows plug-ins to be language-independent. Recorder plug-ins can be either in-proc or out-of-proc servers. For performance reasons, Manager plug-ins will be restricted to in-proc servers only.

Types of plug-ins

- Plug-ins that implement our IEventCapture interface will be used in Recorder to capture new types of data (outlook, eye tracking, etc.). Because these plug-ins may need to communicate across process boundaries, we are providing a "RecorderCaptureHelper" application that exposes an IPluginManager interface to facilitate marshalling of data across process boundaries and coordinate communication among instances of a given plug-in that may be located in different processes. This app will make it easier to develop the event capture plug-ins.
- Plug-ins that implement the IMoraeEventStream will be able to read captured data in Manager. Typically, any event capture plug-in for Recorder will require a corresponding event reader for Manager. In order to expose these events in Manager, plug-ins that implement this interface will also implement one or both of the interfaces listed below to allow searching for events or drawing on the video as it plays.
- Plug-ins that implement IMoraeEventSearch will be able to enhance the search capabilities of Manager. Any individual plug-in would be able to work with its own "custom" event stream to expose the captured events in Manager's search results. Another option would be to develop a plug-in that uses Morae's existing data streams to provide enhanced or specialized search capabilities.



- The IMoraeVideoDraw interface will allow a plug-in to draw on the video as it plays in Manager. It would also be able to draw on a highlight video as it is produced. For example, a plug-in could draw callouts, event stream data points, etc.