How Things End

This chapter covers the following topics:

- End of an Application Designer Session
- End of an Application Designer Subsession
- End of an Application Designer Adapter

End of an Application Designer Session

A session normally ends if the page which was opened with the StartCISPage servlet is closed. This happens for example:

- if the user shuts down the browser,
- if the user loads a new page into the frame in which the StartCISPage servlet was called previously.

In other words: the session is normally kept alive as long as the user stays in the Application Designer environment.

Why "normally"? If a session is without user interaction for a long time, the session is timed out on the server side. When the user comes back to continue interaction, a corresponding message appears. The duration until a session is timed out is configurable; see the description of the *cisconfig.xml* file in the *Configuration* documentation for details.

If a session ends, all its subsessions and all adapters in the subsessions are automatically ended.

End of an Application Designer Subsession

A subsession is ended via an API. There are two APIs available:

- Via the interface `com.softwareag.cis.server.IInteractionManager`.
- Via the method `endProcess()` which your adapters inherit from the `Adapter` class.

For further information, see the JavaDoc documentation.

End of an Application Designer Adapter

Adapters typically stay alive until the subsession ends in which they are living. There is also an API available to directly end adapters:

- Method `Adapter.markThisAdapterForDestroy()`.
- Via the interface `IInteractionProcess` which you receive inside an adapter via `this.m_interactionProcess`.