

The Challenge

To give developers an object oriented interface to the Adobe Acrobat SDK and to add debugging capabilities not offered in the original SDK. These changes significantly reduce development time and improve the organization of a project's codebase

The Issues

- First requirement was creation of an object oriented 'wrapper' around the existing SDK
- Second was the design of better debugging routines

The Solution

- There are 3rd party libraries available to develop applications for Acrobat but, as they are more likely to encounter compatibility problems when a newer version of Acrobat is released, ICE chose a "middle path".
- AFC exposes a pure object oriented interface to the developers. But inside, AFC makes use of Adobe's SDK to interface with Acrobat and thus ensure that all interaction with Acrobat is standard and well defined.
- AFC provides object encapsulation on all the Acrobat structures and features.

The Technology

- Built using Microsoft's Visual C++
- AFC is easily portable to Linux and Mac
- AFC has advanced features like garbage collection and
- Significant savings in development time

Case
Study
AFC
Acrobat
Library