

AWIPS II Topic of the Week -- CAVE

Hi everyone...

In AWIP2, D2D, GFE and some Hydro Apps will use a single display, the Common AWIPS Visualization Environment (**CAVE**). Each application within CAVE is displayed in its own Perspective. Think tabbed browsing, with each application in its own tab. Sharing the same display tool allows the user to display the same data in all applications. What you see in one perspective, you see in all the perspectives. As with AWIPS I, the displays in CAVE are configurable, with additional perspectives and menus being controlled with XML files and not compiled code.

The CAVE is built on a framework called the Eclipse Rich Client Platform (**Eclipse RCP**). So, what's the Eclipse and what's the Eclipse RCP? From the Eclipse home page: "Eclipse is an open source community whose projects are focused on building an open development platform comprised of extensible frameworks, tools and runtimes for building, deploying and managing software across the lifecycle. A large and vibrant ecosystem of major technology vendors, innovative start-ups, universities, research institutions and individuals extend, complement and support the Eclipse platform." (read more at <http://eclipse.org>.) The RCP is one of those extensible frameworks. Stay tuned for more on Eclipse and the RCP in a later posting.