APLNext VisualAPL Developer License Activation

The APLNext VisualAPL software product incorporates an end-user license which requires 'activation'. APL2000 provides a 'license id' and 'password' which the product user can employ to 'activate' the product license. The APLNext VisualAPL product is licensed on an annual or multi-year basis so the license will be valid for the appropriate number of days after the initial activation date. Only the developer version of VisualAPL incorporates licensing activation.

The output of VisualAPL is a Net assembly which the application software developer using VisualAPL may re-distribute to end users without additional payment to APL2000. End users of the developer using VisualAPL are the customers of the developer. The end user does not have to install VisualAPL to use a .Net assembly created by the developer with VisualAPL. Therefore, there is no activation or other APLNext licensing restriction on the distribution by the developer of the output of VisualAPL. Other terms for this arrangement include 'free runtime' or 'no client access licensed(cals)'. If the APLNext VisualAPL developer license is not renewed after its expiration, the end user components distributed by the developer will continue to function, however the developer will not be able to modify, re-build and re-distribute these end-user components until the developer license is renewed and activated.

The activation methodology supports Internet-based, telephone and e-mail methods for activating the product license. Generally Internet-based activation is most convenient, but sometimes, because of the product user's security measures such as a proxy server or malware scanning, telephone or email methods are employed.

When the product is activated, the activation date, license information and workstation characteristics are recorded in a license file in order to associate the license with the specific machine. Aliases of this license file are automatically created so that any specific copy of the license file on the product user's machine is not significant.

Prior to activation, the product is licensed as a demonstration/evaluation ('Express') version with a limited license period of 30 days. A significant benefit of product licensing incorporating activation is that the 'Express' version is available at no cost to the interested potential product user. Upon request APL2000 may extend the demonstration license period for a specific potential product user. This Express version is fully functional and complete product version. Thus there is no functional difference between the demonstration and production versions of the product except the length of the valid license period. Activating the product will update the product from a demonstration license to a periodic license for the appropriate number of days.

When installing the product using a Microsoft-.msi-format installer, no activation dialog is presented. The activation dialog is automatically presented to the product user when the license is approaching or has reached expiration and the developer attempts to build a VisualAPL project. The VisualAPL project may be part of a Visual Studio solution (a group of projects which may mix VisualAPL and other .Net programming languages), a VisualAPL Cielo Explorer script or a Unicode text file. The build process may occur when the developer uses the Visual Studio build or run options or a command-line compiler specification.

If the license is not valid at 'build time', the activation dialog is presented to the product user. If product user renews the developer license for VisualAPL and continues with the activation at this time, the build can continue. If the product user decides to postpone the activation of the expired license, the build does not continue, an event is placed in the Windows Application Event Log indicating this condition and Visual Studio is closed if the build was initiated from within Visual Studio. The Windows Control Panel > Administrative Tools > Event Viewer may be employed to review this Windows Application Event Log. Visual Studio is closed in this situation to avoid spurious error messages relating to the VisualAPL project which could not be built at this time, especially when the VisualAPL project is a component in an extensive Visual Studio solution.

If the license is valid at 'build time' and the license is close to expiration, the activation dialog is presented to the product user. The product user may choose to postpone the license activation and the build will continue.

Besides expiration of the license for the product, several other conditions can invalidate the license including setting the computer clock back in time, installing the product on a number of machines which is greater than that provided for in the license agreement or overwhelming modification of the machine on which the product is installed. All of

these conditions can be resolved by the APL2000 support staff with an appropriate modification of the customer's license for the product.

As the expiration date for the current product license approaches, the activation mechanism will display a pop-up message box to remind the product user to renew their demonstration or production license by contacting sales@apl2000.com.

The APLNext VisualAPL product is licensed for a period of time with unlimited use during that time period. The activation dialog will indicate the number of days remaining for the current product license. The activation dialog may also indicate the "#Runs Remaining", however the product is not licensed on that basis at this time, so this information may be ignored by the product user.