

APLNext Application and Desktop Server Versions

The APLNext Desktop Server (ADS) is designed for programmers to design, implement and test their APL+Win- based web service. ADS runs as a Windows application and not as a Windows service, so that it is operated under the same Windows user account at that used by the programmer when 'logging-in' on to the workstation. ADS is not designed for production use because its performance is not optimized to that purpose.

The APLNext Application Server (AAS) is designed and optimized for production use. Being a Windows service application it runs in the 'background' and can be started automatically (the default) or manually started and stopped using the Windows Control Panel > Administrative Tools > Services dialog.

AAS (by default) runs under a service user account which is different than the user 'logon' id for the machine housing the APLNext WebServices software. This distinction between these user accounts is a security feature to prevent unauthorized modification of a web server configuration. Since these are separate user accounts, it should not be possible for either account to see the other's account information. Therefore with this security restriction in place, the 'Allow Service To Interact With Desktop' option in the Windows Services dialog is not applicable to AAS.

Since ADS runs as a Windows application and not a Windows service, the APL+Win programmer can directly interact with ADS and test and debug APL+Win functions in the usual manner.