

APLNext WebTransfer Product for .Net 4.0

The APLNext WebTransfer product is a .Net assembly with methods, properties and events which can be used to access web-server based services. APLNext WebTransfer also exposes its object model as an ActiveX object.

The object model for APLNext WebTransfer enables an application system client to access web-server based services. The application system client using APLNext WebTransfer can be .Net-based, such as C#, VisualAPL or VisualBasic .Net, or can be a client that supports an ActiveX interface, such as APL+Win, VB6 or VisualBasic for Microsoft Office (VBA).

The APLNext WebTransfer product is installed on the client hardware. The application system client using APLNext WebTransfer can be a locally-installed program which accesses a web service or the application can be a web service which accesses another web server. The APLNext WebTransfer product can be used to access an APLNext WebServices implementation of an APL+Win-based web service. The APLNext WebTransfer product can also be used to access a web service implemented using non-APL programming languages such as a C#/.Net Windows Communication Foundation (WCF) service or a Java/Apache web service.

Prior versions of the APLNext WebTransfer product were based on earlier versions of Microsoft .Net, e.g. 1.1, 2.0, 3.0 and 3.5. The latest version of the APLNext WebTransfer product is based upon Microsoft .Net 4.0 and incorporates new features and enhanced performance. The [Microsoft .Net Framework 4.0](#) is available without cost from Microsoft. The 'Client Profile' version of the Microsoft .Net Framework 4.0, a reduced version of the Framework, is not sufficient for proper operation of APLNext WebTransfer.

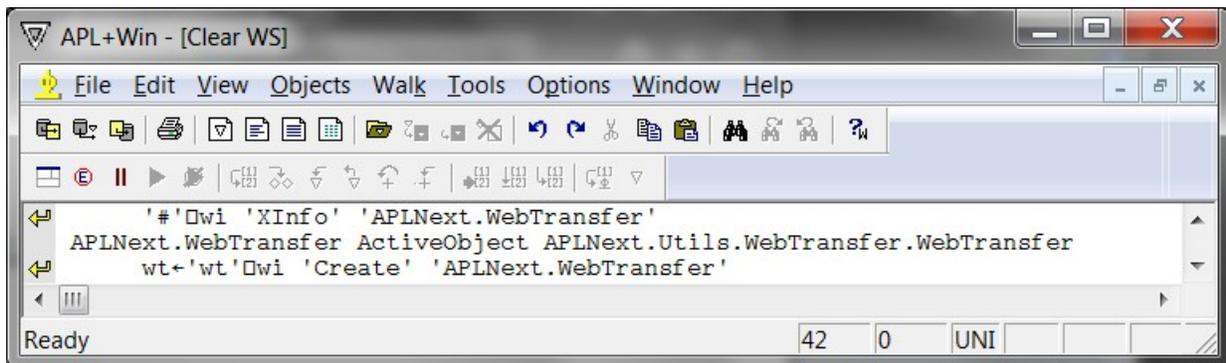
It is not necessary to update to the current version of APLNext WebTransfer if the prior version is operating as desired, however recent versions of the Microsoft Windows operating system:

- Incorporate the .Net 4.0 Framework so the new APLNext WebTransfer version based on .Net 4.0 will require minimal installation effort.
- May restrict the installation of Microsoft .Net 1.1, so using the new APLNext WebTransfer version based on .Net 4.0 will be a necessity.

Since APLNext WebTransfer provides an ActiveX interface, it is necessary to provide Administrator credentials when installing the product on a client machine, so that APLNext WebTransfer can be properly registered as an ActiveX object.

Technical Note: The assembly names of the prior versions of APLNext WebTransfer differ from that of the current .Net 4.0-based version. The .Net 4.0 version of the APLNext WebTransfer product has the 'APLNext.' Namespace prefix. This name distinction makes it possible to have prior and current versions of APLNext WebTransfer simultaneously installed on a machine.

After installing the .Net 4.0 version of the APLNext WebTransfer product on the client hardware, creating an instance of the .Net 4.0-based APLNext WebTransfer ActiveX object from an APL+Win client is done as follows:



Use the 'methods', 'properties' and 'events' properties of the APL+Win \square WI ActiveX interface to view the object model for the APLNext WebTransfer product. The target installation folder for APLNext WebTransfer (default value: "...\Program Files (x86)\APLNext LLC\APLNext.WebTransfer") contains the product's .Net assemblies and technical documentation for the product. The [APL2000 APLNext WebServices Forum Section](#) contains additional APLNext WebTransfer information and examples.