

Web Service

.NET

The term Web service (WS) refers to a server running on a computer device that is listening for requests at a particular port over a network. Web Services serve web documents (HTML, JSON, XML, and images).

Web Services - Overview

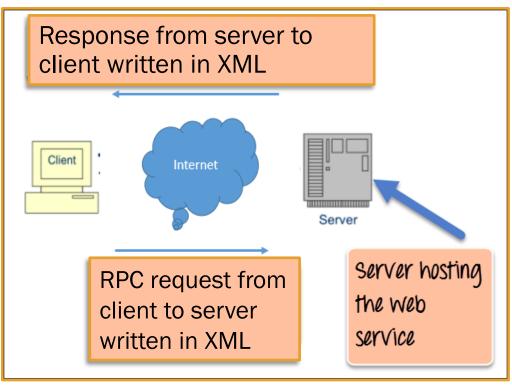
https://www.guru99.com/web-service-architecture.html https://docs.microsoft.com/en-us/dotnet/framework/wcf/whats-wcf#features-of-wcf

A **Web Service** is an application with a <u>standardized</u> communication method. This standardization allows communication between web client and web server applications.

There are A Web Service could be **SOAP** or **REST**.

The methods of a *Web Service* are searched for and invoked over a network using *Remote Procedure Calls (RPC)*. *RPC*'s are written in *Extensible Markup Language (XML)*.

Because *RPC*'s are standardized to *XML*, client and server applications can be written in any language.



SOAP Web Service vs API

https://nordicapis.com/what-is-the-difference-between-web-services-and-apis/

https://www.guru99.com/api-vs-web-service-difference.html

https://www.cleo.com/blog/knowledge-base-web-services

https://stackify.com/soap-vs-rest/