

3. Web Services Description Language (WSDL)

is a standard language used to describe the services offered and the functionality provided by each service.

How do Web Services work?

So how is a web service used? Two entities collaborate with each other in a web service implementation: the web service consumer and the web service provider. A web service provider provides the interface and implementation for the web services it provides through SOAP, while a service consumer is a software that aims at achieving a business objective (i.e. performing a task) that can be accomplished with the use of a web service. Each web service provider registers its service in a web services directory, next, the web service consumer searches the directory for a web service that can be used and integrated to achieve the business objective

(UDDI)

Using web services!

There is a number of web service providers. Such providers include Google, Amazon, eBay, PayPal, and FedEx. A web service can perform simple tasks such as calculations, google calendar operations, weather forecasts to more advanced tasks such as data transfer between applications and performing banking transactions.

In short, web services provide means of integration, agility, and reusability for enterprises and can greatly enhance business operations.

