

Development-WO Adaptor

Overview

The [WOAdaptor](#) layer of WebObjects can be thought of as a broker of requests and responses. Its role in the framework is to:

1. Receive incoming requests of some type (typically HTTP)
2. Package them into a `WORequest`
3. Dispatch the `WORequest` to the `WOApplication`
4. Receive the `WOResponse` back from the `WOApplication`
5. Send the response back across whatever protocol the adaptor handles

In most cases, you will be dealing with `WODefaultAdaptor`, which provides support for HTTP. However, adaptors could receive requests from any number of sources. As an example, Project Wonder includes `ERIMAdaptor`, which provides support for requests and responses over Instant Messaging networks.

Netty WOAdaptor

The Wonder `ERWOAdaptor` framework includes a new `WOAdaptor` based on [Netty](#).

JBoss [Netty](#), Grizzly and Apache Mina are frameworks for Java [NIO](#). But Netty is widely regarded in the industry as being the fastest and most scalable...

How To Use

1. Include the `ERWOAdaptor` framework in your app project and rebuild.
2. Run the app with the property `-WOAdaptor WONettyAdaptor`

Limitations

Currently, there is a fixed file size limit for file uploads. This is settable via a property `WOFileUpload.sizeLimit`. It defaults to 100MB.

AJP Adaptor

The `LEWOSTuff` frameworks include a `WOAdaptor` which can be used to supply requests from an [AJP](#) supplier such as Apache2.