

Overview on the Used Web 2.0 Components

The used base technologies for making xUML UI applications work are HTML, JavaScript, CSS and XML.

HTML

The Hypertext Markup Language (HTML) is a text based markup language to display content like text, images or hyperlinks within a document. HTML based documents are the base of the world wide web and are mainly displayed in web browsers. Next to content, the HTML can also hold meta information about the content like the author, the language, keywords or an abstract.

HTML is used as the base web page holding all references to the frameworks and configurations together.

For further information, please visit <http://en.wikipedia.org/wiki/HTML>

JavaScript

JavaScript is an object oriented scripting language. It is also known under the name ECMAScript due to the standardization through ECMA International.

The main usages of JavaScript are applications which are running within a web browser. The source code is embedded in each web page. It is commonly used in the areas of form validation and other client-side manipulation of data. With the ability to asynchronously send and receive data, JavaScript became a new important driver in the area of RIA development.

Within the context of xUML UI, JavaScript is excessively used not only for remote communication, but for implementing e.g. controller logic.

For further information, please visit <http://en.wikipedia.org/wiki/JavaScript>

CSS

Cascading Style Sheets (CSS) is a style sheet language describing the presentation semantics of a document written in a markup language. Its most common application is to style web pages written in HTML.

Within the xUML UI context, CSS is used for any styling of the generated user interfaces.

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