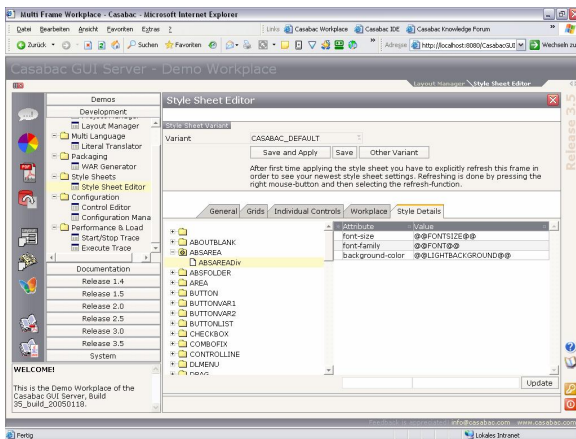


Extraordinary Web Interactivity - Reduced Cost of Development!

Do you want your Web front end look like this? And save development cost at same point of time?



- Developers need to have a knowledge-mix including HTML, Cascading Style Sheets, JavaScript, Java, Servlet/JSP/JSF, J2EE frameworks, Struts, etc. in order to develop pages with a certain quality level.
- The development result (e.g. JSP) is difficult to be maintained on a long term base.

Casabac GUI Server provides the Solution

Casabac GUI Server takes the **interactivity** and the **ease of development** of native GUI client development - and transfers both into the Web development.

With Casabac you are able to develop high quality web front ends in a simple and efficient way, serving your centrally running business applications.

Do you think about developing a software solution that you want to provide to the user via Web browser - but at same point of time think that the usage experience offered by the browser is not sufficient?

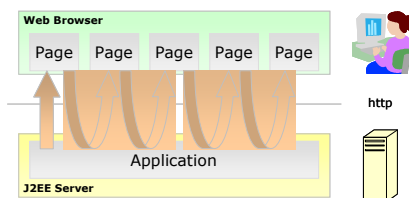
Have a look!

Web-Development Dilemma

Using the Web browser for high quality user interfaces provides high risk within your development project:

(1) Classical Web User Interfaces can in no way compare with native GUI implementations!

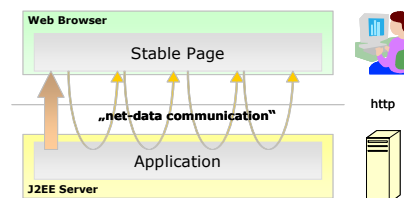
- All the things users got used to are missing: drag & drop, right mouse button functions, interactive field input, etc.
- And - worst of all: **pages in the browser are permanently reloaded**. Every time the user interacts with server functions, the current page is reloaded from the server - having the result of a flickering screen inside the browser.



(2) Development cost for Web user interfaces is high!

Web Pages are as interactive as native GUI Clients

Web pages that you develop using Casabac are kept stable inside the browser. They are not permanently reloaded from the server as with classical Web frameworks.



The stable page only communicates "net-data" to the server (and back).

Rich Control Library

Based on a control library covering all UI aspects of business applications your pages offer highly interactive usage experience. The library includes:

- form based data input, flexible field input
- text grid, control grid, tree
- menus, right mouse button menus
- PDF printing
- reporting output, statistical charts
- workplace controls for arranging various functions to form an application workplace

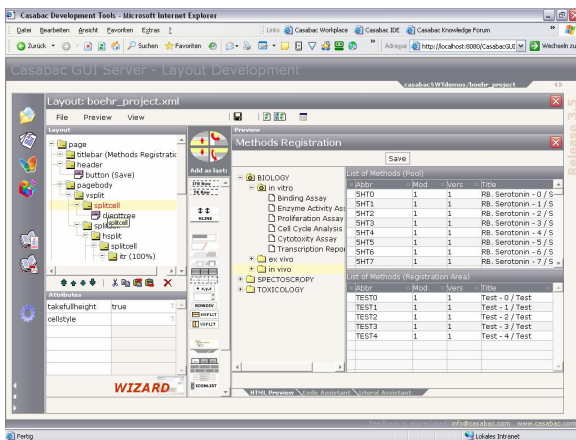
Simple and efficient Development

Only Java knowledge for server side application development is required.

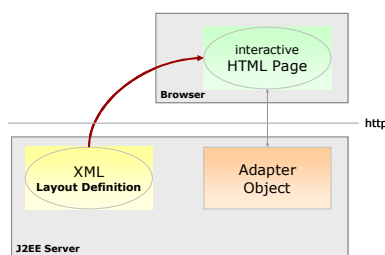


Within an **XML Layout Definition** the page layout is described. Each control of the page is represented by a corresponding XML tag providing attributes defining its rendering and its binding to the server side application.

A rich set of tools including a **WYSIWYG Layout Painter** is available for supporting the development process. Internationalization is "built in".



On server side the layout is represented by a corresponding adapter class. In the layout you position fields and buttons - in the adapter class you provide Java properties and methods.



Based on Standards

Casabac uses and integrates into standard technology components.

Client Side:

- Standard Browser without plugin - Internet Explorer, Mozilla, Firefox

- (In addition to the Web Browser, Casabac pages can also be used by using the Casabac Java SWT Client.)

Server Side:

- J2EE Servlet Engine (e.g. Tomcat 3/4/5, JBoss, IBM Websphere, BEA Weblogic, SAP Net Weaver, ...)
- Casabac integrates into your existing web applications.
- Any kind of business logic framework can be used for providing the business logic layer.

Saving Cost - Securing Investments!

Casabac GUI Server saves cost at development point of time:

- You do not have to split UI development into "one group doing the native GUI" and one group "doing the Web GUI" - with Casabac everything can be accessed from the Web Browser, providing a rich usage experience to your users.
- Development of pages is much easier than with technologies you might come from. Developers arrange controls within a page and plug server side logic behind. Only Java knowledge is required.
- A rich GUI library is available.
- Strong separation between layout (XML definition) and interaction programming (server side adapter class). Open integration of your business logic.

Casabac secures your UI investments:

- Casabac utilizes standard technology components.
- Casabac is open: controls can be easily added, style changes can be easily applied.
- Casabac pages are usable on Internet Explorer and Mozilla/Firefox. Casabac in addition offers a non-browser rich client that is based on Java SWT.

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