

# Seamlessly displaying Web Content within your Java Application

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*WebRenderer bridges the gap between client / server architectures by providing standards compliant web content rendering.*

Within today's vast web infrastructure businesses run distributed systems. These distributed systems serve an array of content, more often than not in a web descriptive form such as HTML.

The challenge for client-side Java applications is to display this rich web content in a meaningful way. Java does not have a standards-compliant web content rendering engine built into the J2SE SDK. This poses a challenge for Java developers with a requirement to display rich web content.

Java rich-client application developers are forced to use the built-in system browser external to their rich-client application when displaying web content (due to a lack of means to display web content).

WebRenderer addresses this limitation by providing a standards-compliant web content rendering component that can be embedded within Java applications.

## The Challenge

The challenge with web-based content is by virtue of the number, complexity and evolving nature of web standards.

Basic web content rendering components must support standards such as HTML, CSS, JavaScript and SSL. When building a web content display component these base standards must be incorporated. Without support for these standards pages will either not render or render in a non-standards compliant manner thus leading to a distorted visual appearance.

WebRenderer addresses this challenge by leveraging off Internet Explorer, Mozilla and Safari browser technologies providing access to the three world leading browsers across multiple platforms.

## The Cost of Coding

WebRenderer can be easily integrated into a Java client application with as little as 3 lines of code. Through web content rendering, Java applications can capitalize on existing J2EE and web resources/infrastructures in delivering a distributed rich client application.

WebRenderer provides the ability to connect the client application to the server business logic without changing server code or infrastructure. There are no unnecessary changes to complex server environments.

## Solving Business Problems

Digital Harbor™, a leading composite application vendor, uses WebRenderer to "connect the dots" between enterprise databases, web services and business logic with the largely untapped wealth of information stored in web pages, emails, presentations and documents.

The problem in most organizations is not a lack of information. It is that the information exists in many places and is organized in many ways, so the average end-user must know what system to use or whom to call in order to access it.

Instead of requiring users to access yet another application, Digital Harbor provides a common view of customer information "on the fly" and in the context it makes most sense in the applications they use - simply by pointing and clicking.

JadeLiquid's WebRenderer allows Digital Harbor to code against a single web browser without sacrificing the native functionality of Internet Explorer, Mozilla or Safari.

Using Digital Harbor's PiiE™ platform that incorporates WebRenderer, a salesperson viewing a website magazine would see the names of existing customers highlighted within the web page. From those links, PiiE allows the salesperson to look up the customer details and contact information.

With Digital Harbor and WebRenderer you can know everything that your company and the web knows.

## Business Benefits

- WebRenderer has a low cost of ownership.
- Significant time-to-market savings over developing in-house Java browser components. WebRenderer enables developers to concentrate on the end product.
- Cost and timesavings of embedding WebRenderer lead to a high ROI.
- Third-party components are tried and industry tested. Component reusability significantly speeds up future developments.
- WebRenderer is the leading Java browser component and the only standards compliant Java web content rendering component commercially available.

WebRenderer is available for a free 30-day trial at [www.webrenderer.com](http://www.webrenderer.com)