Matter of Fact Software

CONTEXT SCOPE *PERSPECTIVE*

CICS JS/Server

CICS JS/SERVER V2

The Business Issue

Modern business applications demand user interfaces with sophisticated features. Many such features are provided by web browsers that communicate with server technology to access corporate data and drive business processes. In many large corporations, the server of choice with which the browser communicates is the IBM mainframe.

Web browsers support the **JavaScript** scripting language which can be used for many purposes including the creation of visual effects and dynamically create or alter the web page contents. Over time, JavaScript Libraries and Toolkits have emerged (many in the **Open Source** arena) that make the creation of Web documents much easier than attempting to use native JavaScript in a bespoke manner.

Javascript tools such as the **Dojo Toolkit, JQuery, JQuery UI, MooTools, YUI Library** (and others) enable the rapid development of browser based user interface functions. These tools are themselves composed of JavaScript files that have to be served to the browser.

It is sensible to exert control over what is served to the browser as part of corporate business applications. **CICS JS/Server** serves a number of the most popular JavaScript Libraries and Toolkits to web browsers from CICS on the mainframe.

For more information about the Dojo Toolkit, visit http://dojotoolkit.org/

For more information about JQuery, visit http://jquery.com/

For more information about JQuery UI, visit http://jqueryui.com/

For more information about MooTools, visit http://mootools.net/

For more information about YUI Library, visit http://yuilibrary.com/

For a complete list of the JavaScript Libraries and Toolkits supported and the versions included in CICS JS/Server V2, visit our website: www.plexspy.com

NOTE: CICS JS/Server V2 also allows for bespoke content to be defined and served under its control. Additionally, novel CICS Web applications can be constructed using Document templates, symbols, freeform text and the content created by CICS applications programs.

Dojo Toolkit	JQuery	YUI Library	MooTools
JQuery UI	Rickshaw	D3JS	Scriptaculous
Bespoke Content		Create novel CICS Web Applications	

CICS JS/Server serves popular JavaScript Libraries and Toolkits directly from mainframe PDS datasets from CICS. Easy to install and use, **CICS JS/Server** exploits the usual mainframe industrial strength capabilities that corporate systems demand.

CICS JS/Server was devised to provide control over the serving of the Dojo Toolkit as it is used by our other product, PlexSpy Application Status Monitor. The realisation that such control was needed led to the development of this solution. It became apparent that our own requirement for control over the Dojo Toolkit might be matched within other companies that use or want to use it. The same logic led to the inclusion of other popular JavaScript Libraries and Toolkits.

Features and Benefits

CICS JS/Server supports IBM's CICS Transaction Server from version 3.1 onwards.

The most popular JavaScript Libraries and Toolkits are served from Mainframe PDS datasets directly from CICS. There is no need for access to or the setup and maintenance of z/FS files.

Sample program sources are provided to demonstrate how the solution can be used.

Simple to install and implement.

Capable of scaling to meet the needs of high performance systems.

Support for several versions and releases of the various JavaScript Libraries and Toolkits is included.

Bespoke document templates can be defined and served.

Novel new CICS Web Applications can be constructed, managed and served.

FREE TRIAL: <u>Visit our Website and Download CICS/JS Server now!</u>

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CICS JS/Server at a Glance

Easy to install and manage.

Your web based business applications can call **CICS JS/Server** to access many of the most popular JavaScript Libraries and Toolkits, taking control over this aspect of your application software.

A simple content management system that allows novel CICS Web Applications to be constructed and managed is included.

Supports and exploits aspects of a Parallel Sysplex. It is possible to configure **CICS JS/Server** to support highly scaled business applications with the security and integrity that mainframe dependent businesses have come to expect.

Trademarks

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Matter of Fact Software Limited is a privately owned software company. Based in Scotland, we write and distribute our own software products. Our focus and expertise are in the IBM Mainframe arena and our products are designed to improve and strengthen the support processes that users of IBM's CICS systems software depend upon.

For more information, visit our website at www.plexspy.com
or
send an E-Mail to enquiries@matteroffactsoftware.com