Title: ASYNCHRONOUS INITIALIZATION OF DOCUMENT OBJECT MODEL (DOM) MODULES

Abstract: A method in a client web browser (31) for loading, initializing, and running Document Object Model, DOM, modules asynchronously. Each module is separated (63) into a module template (36) that includes tags (39) to be replaced with data, and a module Driver (37) that includes an identifier tag (41), functional code (44) controlling the operation of the Driver, a driver variable (42), and a display variable (42). The functional code causes the Driver to populate (64) the identifier tag with an internal identifier for the module, thereby creating a unique class attribute for the Driver. The Driver may also set (65) the driver variable to reference the Driver, thereby loading the functional code into memory and removing the Driver from the DOM. The Driver may also set (66) the display variable (42) to reference in the module template (36), a DOM element immediately prior to the Driver, thereby sandboxing all actions by the Driver into the referenced DOM element in the template.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 15/16 (2015.01)
CPC - H04L - 29/06

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC (8) - G06F 15/16 (2015.01)
CPC - H04L 29/06

Documentalation searched other than minimum documentation to the extent that such documents are included in the fields searched

CPC - H04L 28/0872; H04L 29/0876 (See Keywords below)

USPC - 709/246, 707/E17.1 16, 709/223, 709/213, 719/313, 709/203

Electronic database consulted during the international search (name of data base and, where practicable, search terms used)

Thomson Innovation.com; Patbase; Google Scholar; Google Patents; Google.com; Freepatentsonline; ProQuest Dialog

Search Terms: Separate, module, template, internal identifier, unique, Document object model, DOM, collision, polling, website, server, browser, network, create, define, display, interact, tag, replace, template, driver, module, idendife

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<td>Y</td>
<td>Y US 201 1/0289419 A1 (YU et al.), 24 November 2011 (24.1.2011), entire document, especially Abstract; Para [0090], [0152], [0156], [0157]-[0162], [0170], [0179]-[0183], [0226]</td>
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Date of the actual completion of the international search: 28 December 2015 (28.12.2015)

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