

WebMCQ Operation Specifications

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This document is provided to explain the operation of describing WebMCQ Administration Tools. There are two other companion documents, one describing **WebMCQ Interactive Question Server** software, and another describing **ShWAA**.

Please note for holders of WebMCQ service licences (e.g. "WebMCQ Standard Education Licence", "WebMCQ Departmental Education Licence", or "WebMCQ Corporate Licence") only this document and the document relating to the Interactive Question Server are relevant.

1. WebMCQ Administration Tools

WebMCQ Administration Tools is a suite of software available for the creation and general management of questions used by *WebMCQ Interactive Question Server*. *WebMCQ Administration Tools* also provides utilities for viewing user access data and question responses stored by *WebMCQ Interactive Question Server* during the presentation of questions.

1.1 Operation

Administration Tools will provide access to a number of utilities using standard Web protocols, and employing HTML and JavaScript technologies. Functions provided by these utilities include;

- a. Question Creation - enabling the creation of questions and editing of question content (which may include feedback and other information) using HTML web forms
- b. Question Organisation - enabling individual questions to be ordered and optionally grouped into topics within a question set
- c. Server Interface Control - allowing customisation of the behaviour of *WebMCQ Interactive Question Server* interface during presentation of question content
- d. Basic Access Control - enabling restrictions to be placed upon granting of access to question content by users of *WebMCQ Interactive Question Server*
- e. Appearance Customisation - enabling customisation of the colour scheme and page formatting options for the presentation of questions by *WebMCQ Interactive Question Server*
- f. Results Analysis - providing access to user results and access patterns recorded by *WebMCQ Interactive Question Server*.

1.2 Client Software Requirements

To access *WebMCQ Administration Tools*, a Web browser compatible with Netscape Navigator version 3.0 is required. This includes all versions of Netscape Navigator and Netscape Communicator released after version 3.0 [See Note 1], and all versions of Internet Explorer released with or after version 4.0 [See Note 2]. No client-side "plug-ins" are required. It is necessary for users to have JavaScript enabled on the Web browser to use *WebMCQ Administration Tools*.

1.3 Software Installation and Maintenance

WebMCQ Administration Tools software resides on WebMCQ Pty Ltd's own equipment, or on specially-configured equipment provided by holders of an Onsite Server Licence. This equipment is provided specifically for the purpose of running *WebMCQ Administration Tools* software. Excepting the installation of Web-browser software as described above, there are no installation requirements for users wishing to access *WebMCQ Administration Tools*.

1.4 WebMCQ Administration Tools Generated Content

WebMCQ Administration Tools does not generate any content that makes unusual demands on users' Web browsers. It does not generate or reference content in Java, ActiveX, DHTML, or XML, and does not require any plug-ins. HTML generated by *WebMCQ Interactive Question Server* conforms to the HTML 3.2 standard by the World Wide Web Consortium, and JavaScript 1.1 standard by Netscape Communications Pty Ltd. However, question authors may choose to incorporate other content which may not be supported by all Web browsers. Images served as part of the *WebMCQ Administration Tools* system conform to the Graphics Interchange Format (GIF89) standard by CompuServe Interactive Services Inc., or the JPEG standard by the Joint Photographic Experts Group.

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