

IntraVista Installation Guide



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Workbench Compliance and Standards Management Solutions

Workbench Professional and Quality Workbench are the flagship products of IdeaGen Software Limited, who have been leading the way in software solutions aimed at Document, Compliance and Standards management since 1993.

IdeaGen is an ISO 9000:2000 and TickIT registered company based in the heart of Derbyshire, England. Company Registration Number: 3505254

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INTRODUCTION

IntraVista enables a web browser to search for and retrieve documents controlled by Workbench. These documents are returned to the browser in their native format.

It is a CGI application that utilises raw database connections to ensure maximum performance and availability. You may use any supported web server application to provide HTTP services to the client as long as it is able to support a compiled WinCGI application and Registry services.

The IntraVista Web module works in two ways:

- 1** by parsing the HTML pages defined using the configuration tool, looking for tags specific to IdeaGen Software. These tags are then replaced with the appropriate information or control
- 2** by generating search results based on parameters passed as part of the URL.

The supplied HTML templates may be used as the basis for creating your own implementation of the IntraVista Web module. You may also incorporate any scripting element or Java applet(s) where necessary within your HTML page layouts.

The IntraVista Web module utilises either Workgroup (as a preference) or System licences during its execution.

The IntraVista Web module utilises the security mechanisms inherent in the Workbench suite of applications. This ensures that all document viewing restrictions are maintained at the browser.

All database searches and document fetches are performed in real-time, therefore when a document is issued it will be immediately available to the browser.

Currently it is only the issued version of a document that is made available for selection ensuring that only the most current, authorised version may be viewed.

INSTALLATION AND CONFIGURATION

Installing the IntraVista Web module

System requirements

The IntraVista Web module requires:

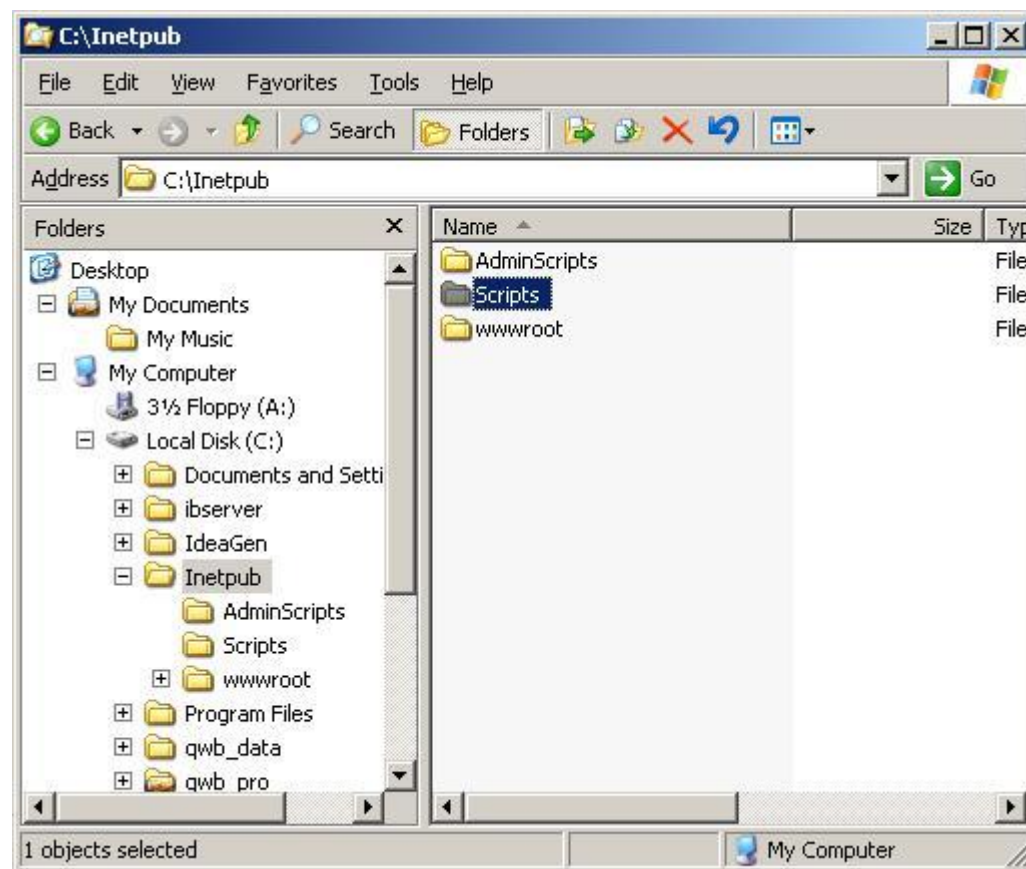
- Windows 2000/2003 server
- Web server software which supports WinCGI
- Workbench installed and running on your network
- TCP/IP installed and configured
- Access to the Workbench database(s) from the Web Server running IntraVista
- 128MB (minimum) memory
- 4MB (minimum) of disk space

Pre-requisites

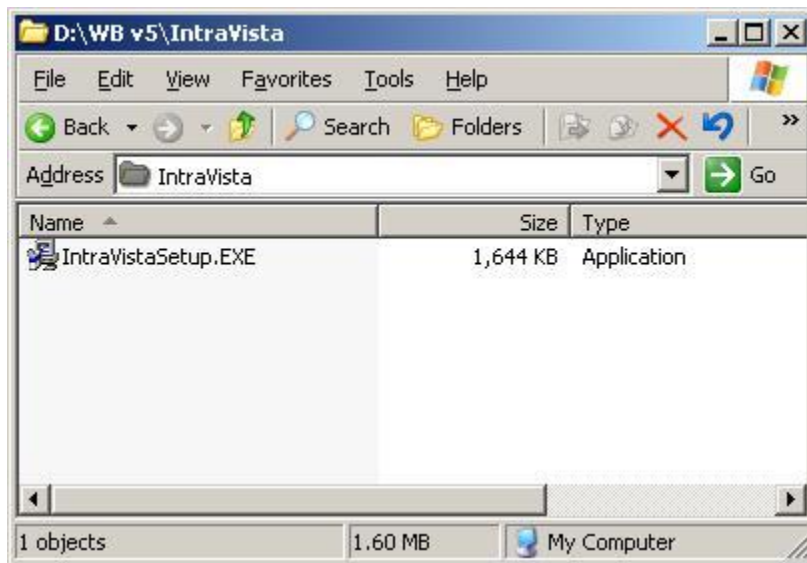
- You are logged on to the Web server with Administrator rights.
- Workbench Version 2008 is installed on your system.

Installing IntraVista 2008

Before starting the installation of IntraVista, create a new folder called 'Scripts' under the 'Inetpub' folder on the server. This means that IntraVista will not be installed to the 'AdminScripts' folder, and therefore will be less of a security consideration...



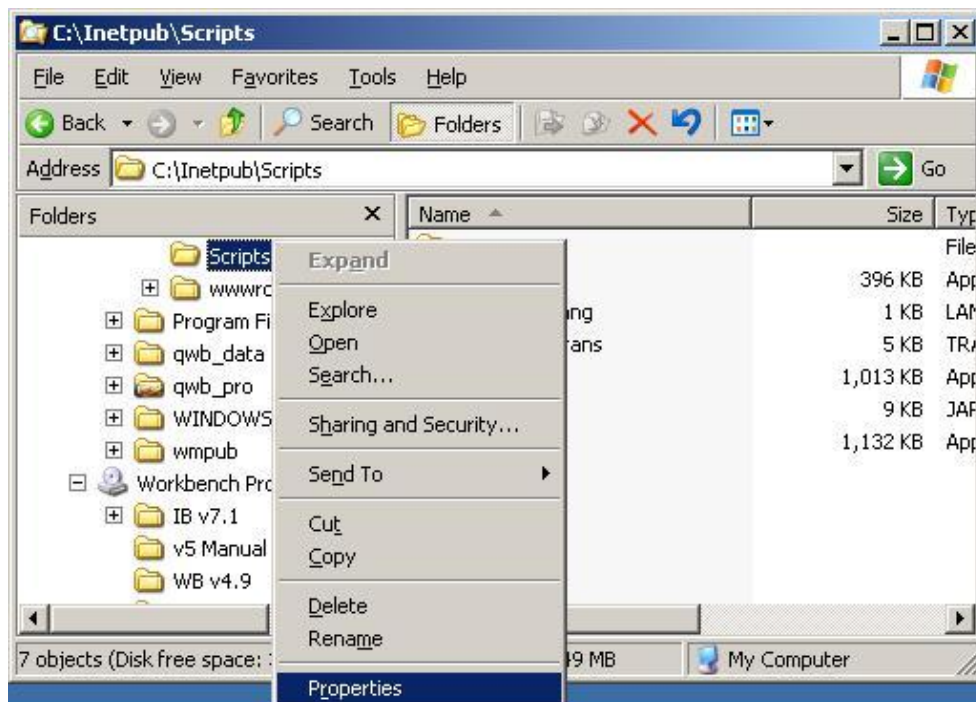
- 1 From the Workbench 2008 CD, open the WB v2008\IntraVista folder and double-click the IntraVistaSetup.EXE file...



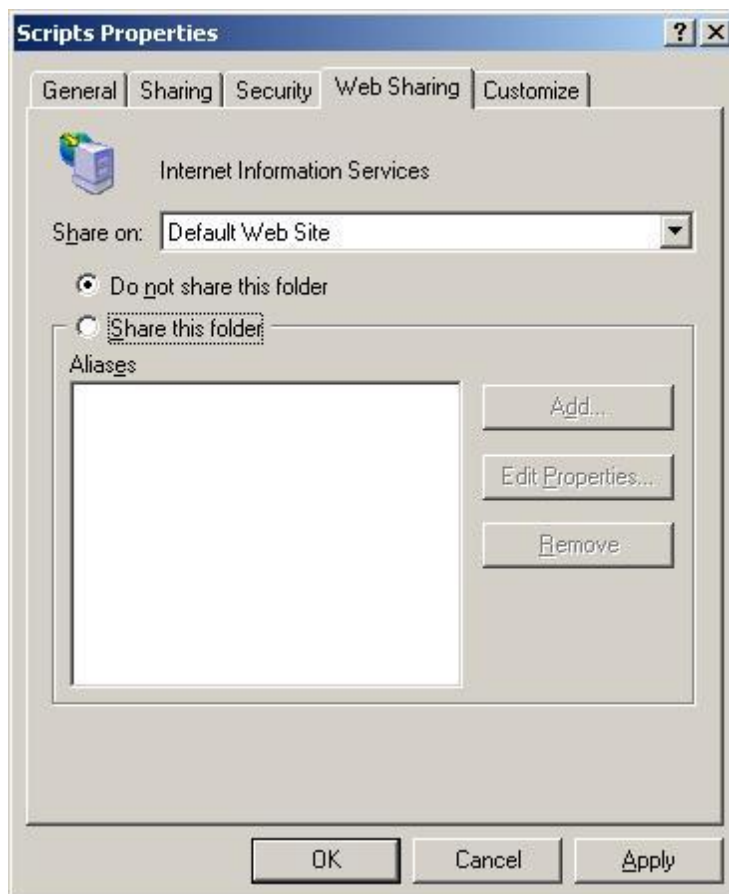
- 2 On the **Licence Agreement** screen, click **I Agree** to continue.
- 3 On the **Welcome** screen, click **Next**. The **Install Locations** screen appears.
- 4 In the 'Web Server Scripts Destination Folder' section, click the **Browse** button.
- 5 Point to the 'Scripts' folder you created earlier, then click **OK**.
- 6 In the 'Web Server HTML Destination Folder' section (on the **Install Locations** screen), click the **Browse** button and point to the 'wwwroot' folder under 'inetpub', then click **OK**.
- 7 On the **Install Locations** screen, the server name will already have been filled in, so click **Next**.
- 8 On the **Start Install** screen click **Next**.
- 9 Once the install is finished, the **Install Complete** dialog will appear. Click **Finish**.

In order for the database connectivity to work, IntraVista utilises a CGI executable. The following steps should only be necessary on Windows Server 2003.

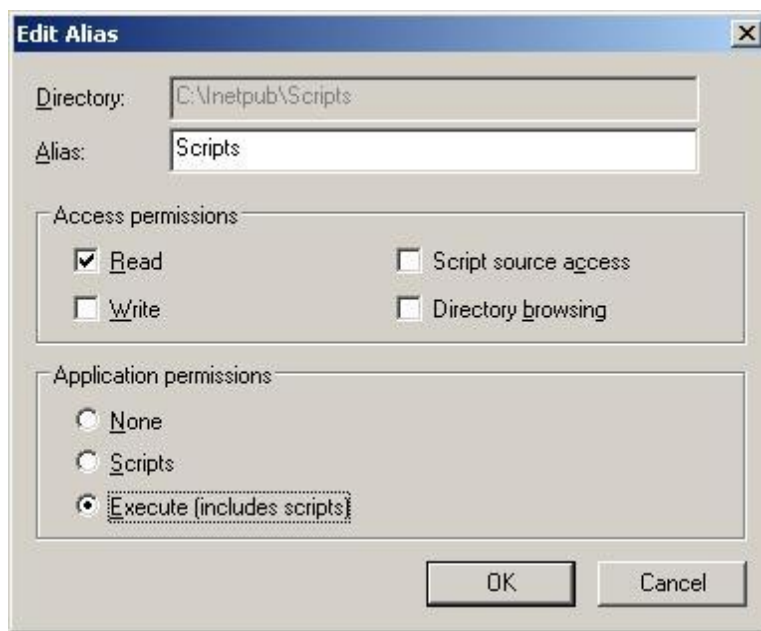
- 1 In Windows Explorer, right-click on the 'Scripts' folder and choose 'Properties'...



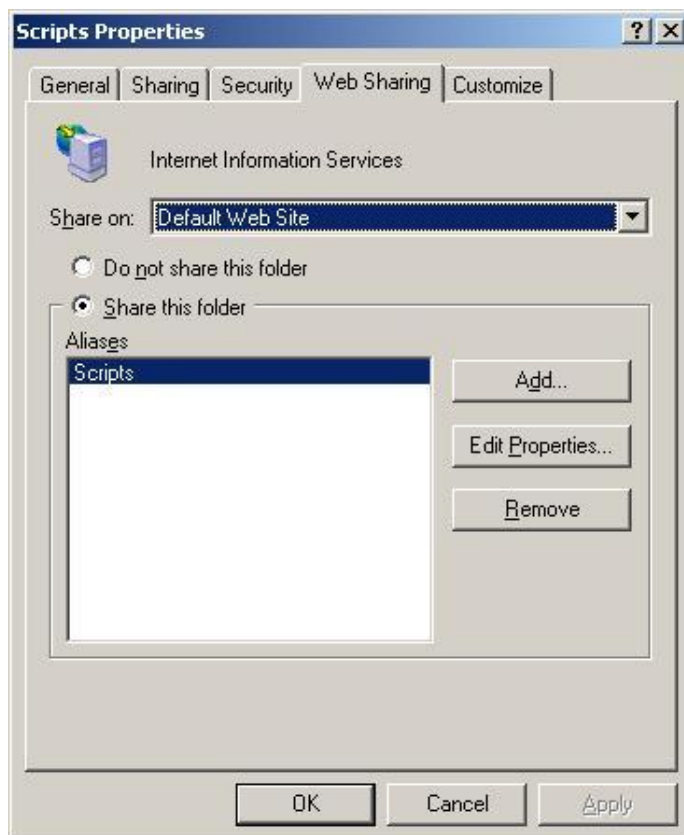
- 2 On the **Web Sharing** tab, select the radio button 'Share this folder'...



- 3 This will then open another dialog box, **Edit Alias**, and you need to check the 'Execute (includes scripts)' check box and then click **OK**...



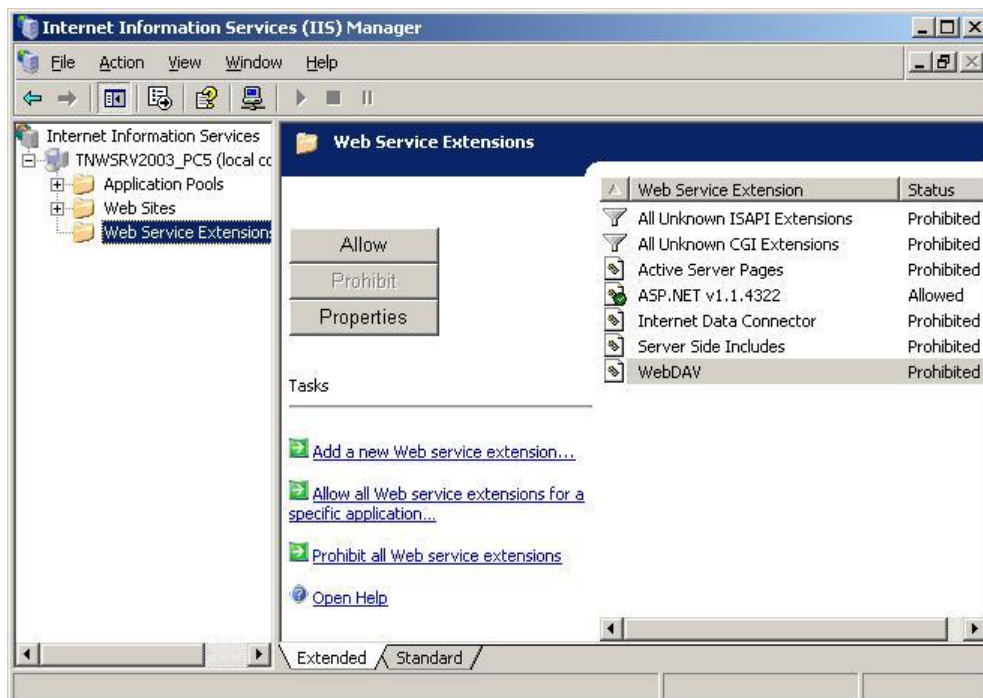
- 4 You are then taken back to the **Scripts Properties** dialog; click **Apply**, then **OK**...



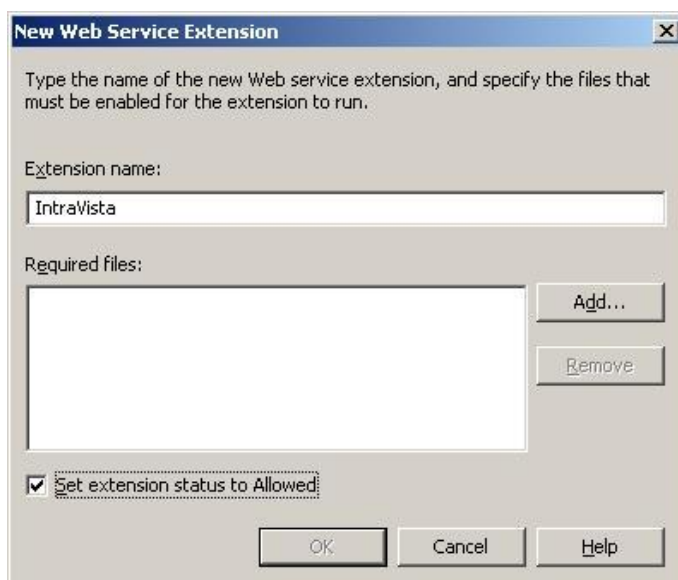
- 5 You will now need to add a setting into Internet Information Services, so go to **Start | Administrative Tools | Internet Information Services (IIS) Manager**.



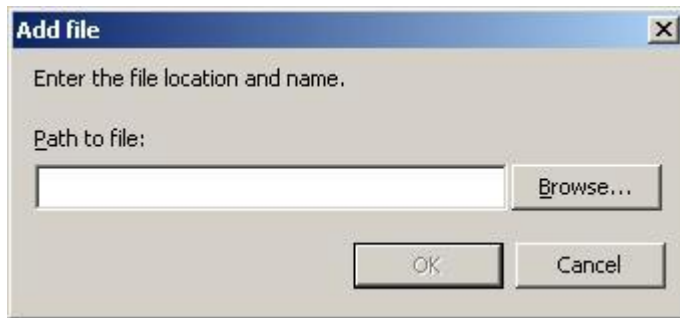
- 6 Under **Web Service Extensions**, click the [Add a new Web service extension](#) hyperlink...



- 7 Name the extension 'IntraVista'. Check the 'Set extension status to Allowed' check box and click **Add**.



- 8 In the **Add file** dialog, click the **Browse** button.



- 9 When the **Open** dialog appears, use the 'Files of type' drop down list to change from 'ISAPI dll (*.dll)' to 'CGI exe files (*.exe)'...



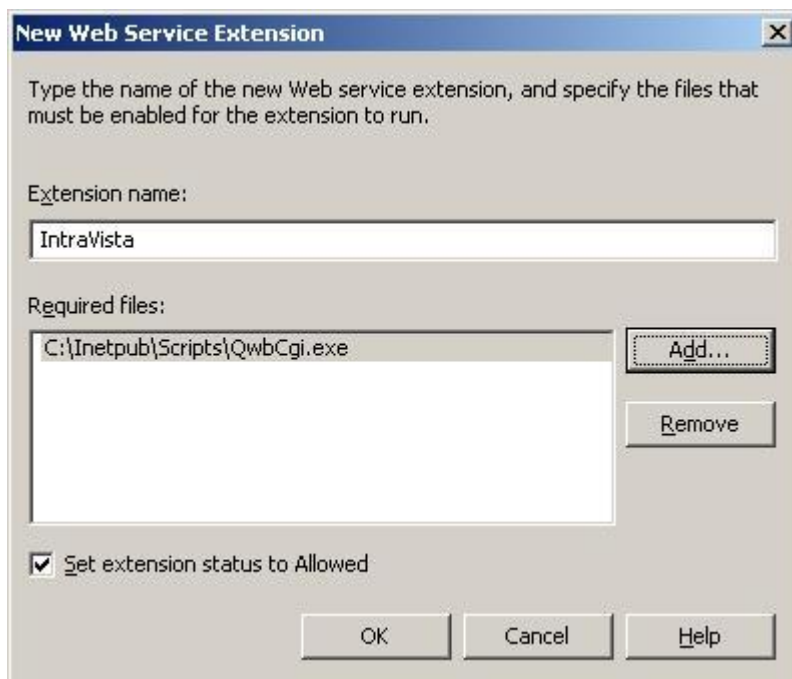
- 10 You should then be able to change to the 'inetpub\Scripts' folder. Highlight the **QwbCgi.exe** file, and then click **Open**...



- 11 You are returned to the **Add file** dialog where you can click **OK**...

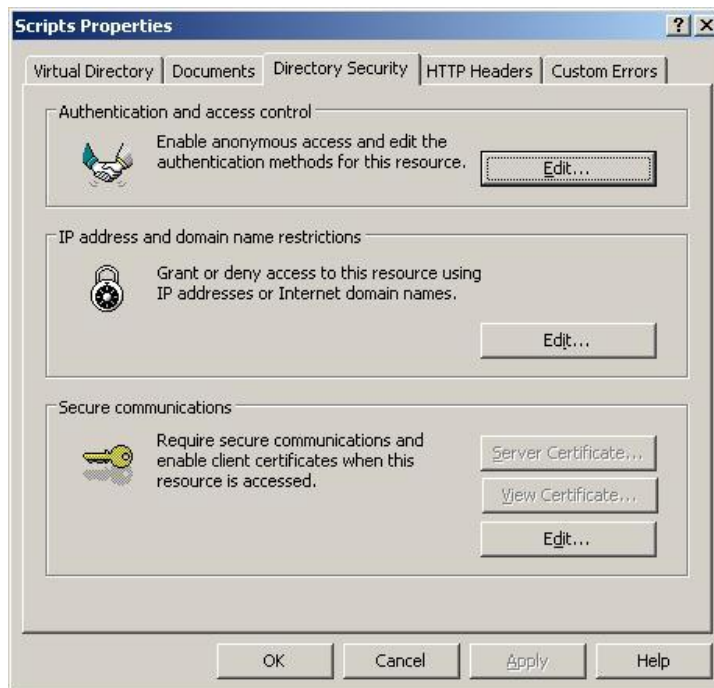


- 12 On the **New Web Service Extension** dialog, click **OK** to save the changes...

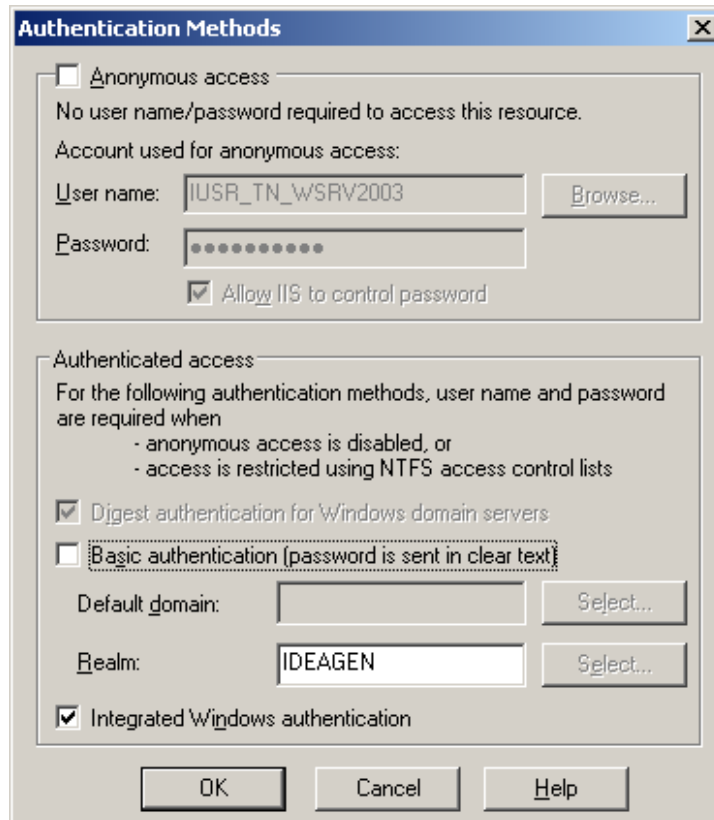


- 13 In the left-hand window of the **Internet Information Services (IIS) Manager** screen, expand 'Web Sites' and then 'Default Web Site'.
- 14 Right-click on 'Scripts' and choose 'Properties'.

- 15 Click the **Directory Security** tab and then in the 'Authentication and access control' section, click the **Edit** button.



- 16 Ensure that the 'Anonymous access' check box (at the top of the dialog) is unchecked and that the 'Integrated Windows authentication' check box (bottom of dialog) is checked. This allows IntraVista to support the Workbench Active Directory if needed. Click **OK**.



- 17 Click **Apply** and **OK** on the **Script Properties** dialog, then close the **Internet Information Services (IIS) Manager**. Then run the Configuration Program to check the settings (see following section).

Configuring the IntraVista Web module

- 1 If you elected to 'Finish' the installation, you may run the configuration program by selecting **Start | Programs | IntraVista Web Module | Web Module Configuration**; otherwise you will be prompted to enter the configuration password (assuming that you pressed the **Configure** button!).

If this is the first time that you have run the Web module configuration program, the password will be blank. If you have already used the Configuration Program and have specified a configuration password, you should enter that password here (Note: this entry is case sensitive).

- 2 The first page on the Configuration dialog is the **General** information page; each item is described in detail below.

- **Server Name**

This entry defines the fully qualified name of the Web server.

- **Program Name**

This entry defines the name of the IntraVista executable. The default value is `SCRIPTS\QWBCGI.EXE` and should not be changed unless absolutely necessary.

- **Mail To**

Used during the generation of the error pages, this value is parsed by the tag `<#IGS_MN_ErrorString>` to generate a `<Mailto:>` HTML tag. The default value is `'admin@company.com'`.

- **Error Log Path**

This entry specifies the location of the files `'errorlog.txt'` and `'licencelog.txt'` which contain error messages and licence refusals generated by the IntraVista Web module. You must ensure that the folder specified here exists otherwise you will receive an error when IntraVista is invoked. The default value is the profile's temporary folder.

- **HTML Base**

This entry contains the base URL for relative links inside each HTML page generated. This entry is used in the tags `<#IGS_MN_Base_Ref>` and `<#IGS_MN_NavHomePage>`. The default value is `'HTTP://servername/WBPro/default.htm'`.

- **HTML Path**

The absolute path on the server to the HTML template pages should be entered here. The default value is `'c:\inetpub\wwwroot\WBPro'`.

- **Applet Location**

This entry contains the location of the Java applet. It is used in the tag `<#IGS_DC_INIApplet>`. This tag is replaced with the HTML necessary to invoke the Java applet and provide it with the information required. The default value is `'scripts'`.

NB. This control will only be mandatory and only enabled if the 'Populate Macros using' control on the **Configuration** page of the **Configuration Program** is set to 'Java applet'.

- **Use Secure HTTP (HTTPS) check box**

If this box is checked, the SSL protocol is used for secure communications over the internet. The content is stored in plain format on the database server, encrypted for transmission and decrypted again at the client side.

- **Use frames in document view check box**

If this box is checked, the document view page will be generated inside a frameset. An example of the use of this feature is to allow the navigation links to be placed in a small frame at the top of the page, whilst displaying the document in another frame below it. The default is unchecked.

- **Navigation Frame**

If the 'Use frames in document view' entry is checked, this entry defines the page to be used to generate the navigation bar in the top frame.

- **Document Frame**

If the 'Use frames in document view' entry is checked, you should supply the page name for the frameset specification.

- 3** The second page is the **HTML Pages** page. This allows you to define the HTML page to be used as a template for each of the IntraVista methods.

- **Database Selection**

This entry defines the HTML page template to be used by IntraVista during the database selection method. The default page name is 'dbselect.htm'.

- **Search Page**

The page name specified in this field, defines the HTML template used by the search criteria method. The default page name is 'search.htm'.

- **Error**

This entry defines the page to be used whenever an error is generated by the IntraVista Web module. The default page name is 'error.htm'.

- **Document Results**

The page specified here is the template used by IntraVista to display the list of documents that fulfil the search criteria specified. The default page name is 'docreslt.htm'.

- **Document Display**

This entry specifies the page to be used to display the document attributes and which supplies the link to the document stored on the Web server. The default value is 'showdoc.htm'.

- **No Documents Found**

This is the page that is used when there are no matches to the search criteria specified. The default value is 'no_docs.htm'.

- **User Login**

If you have elected to require user authentication, this entry specifies the page to be used to gather the login and password information. The default value is 'login.htm'.

- **Unauthorised Login**

This page is invoked when user authentication is required during a hypertext link to another document controlled by Workbench. See the section on **Hypertext Links** at the back of this guide for more details regarding hypertext linking with IntraVista. The default value is 'autologin.htm'.

- **Macro Population Page**

Invoked from this page is the HTML page containing the tag <#IGS_DC_INIApplet>. This is used to launch the Java applet that provides the client-side support for writing the required values to QWCS.INI. The default value is 'javapage.htm'.

For more information, see the **Configuration** page.

- 4** The third page is the **Servers** page; this allows you to define each of the database servers available on your network (Registered Servers) and the associated connection information.

To create a new server entry, you should press the **Add** button. To delete a server, select the appropriate entry and press the **Delete** button.

Highlight the required server from the list of **Registered Servers**.

The following information is required:

- **Server**

This is the name of the server. The system must be able to resolve this name to an IP address (either via DNS or HOSTS lookup).

- **User Name**

The name of the user to be used to connect to the database server should be specified here. Under normal circumstances this would be the SYSDBA user but may be different. For more information, please contact your software supplier.

- **Password**

The password associated with the **User Name** specified above should be entered here.

- 5 The fourth page is the **Aliases** page; this allows you to define the location of each Workbench database that you want IntraVista to have access to.

To create a new database alias, you should press the **Add** button. To test that you have specified the database location correctly, you may press the **Connect** button.

Highlight the required alias in the **Defined Aliases** list.

The following information is required:

- **Alias Name**
This is the name of the database that will appear in the list on the 'Database Selection' page and is also the name used when passing the database as a URL parameter (e.g. ?db=database_alias). This field is required and has no default value.
- **Location**
For each database alias name defined, you must supply the fully qualified database path. For example, if you were to specify a database held on drive D in the folder **lqwb_data\quality**, called **qwb.gdb** on a file server called **morgoth**, you would express it as follows:
morgoth:d:\qwb_pro\data\quality\qwb.gdb
- **Alias should be visible in IntraVista**
This option is checked by default. If it is unchecked, then the alias is not available for selection in the database screen.
- **Alias requires a login from the user**
If this option is checked, the user authentication and security controls maintained by Workbench are enabled for this database. If this option is not checked, then all issued documents will be available to the browser for viewing. The default value for this item is unchecked.
- **Show document attributes in this database**
This item dictates whether the **Document Display** page is generated when a document has been selected from the displayed search results. To display documents directly from the search results table, uncheck this option. The default value for this item is unchecked.
- **Display denial message if document not available to user**
This item controls how the Document Title is displayed when a parsed document link is unavailable to the user. For more information regarding content tags, please see the section titled **Content tags** later in this guide. If this item is checked, the message defined in the field marked **Denial text** will be used as the document title. If this item is unchecked, the actual document title will be displayed. The default value is unchecked.

- 6 The fifth and final page is the **Configuration** page. Each element here is defined below:

- **Mask Password**
This entry is a check box that either displays or hides the login Password for the Configuration Program. The default for this is unchecked.
- **Password**
This field contains the password that is used to gain access to the Configuration Program and is encrypted in the registry for security purposes. It must be populated before any changes can be saved.
- **Location**
This field should contain the fully qualified database path to the licence database. To test that the server is able to communicate with the database, press the **Connect** button.
- **Time To Live**
This value determines how long a connection through the IntraVista Web module should be retained before the licence is recycled. Each time a request is sent from the client, the date and time stamp on the licence is refreshed so that only inactive connections will be recycled. This value is recorded in minutes and defaults to 5.

- **Refresh Time**

This field determines how frequently the licences database is examined for expired licences. This value is recorded in minutes and defaults to 1.

- **Populate Macros using**

This radio button group specifies whether a Java applet or an ActiveX control should be used to populate the QWCS.INI file when viewing a document. It defaults to the 'Java applet' radio button being selected. In this case the Macro Population page uses the QWM java applet to populate the QWCS.INI file.

If the 'Unsigned ActiveX Control' radio button is selected then the Macro Population page uses the MacroActiveX.js ActiveX control (located in the IntraVista HTML folder) to populate the QWCS.INI file.

NB. If this control is set to 'Java applet', then the 'Applet location' control on the **General** page of the Configuration Program will be enabled and mandatory; otherwise it will be disabled as it will not be required.

Please also note that the QWCS.INI file will only be populated for documents that have their 'Enable macro population in IntraVista and IVPro' workflow setting checked (Workbench System Manager module | Workbench Configuration Centre | Workflow Settings | Document Workflow | Advanced Document Attributes).

- **MIME type for PDF documents**

This setting specifies how documents that have been issued to PDF should be viewed. It defaults to 'application/PDF' and must not be changed unless told to do so by a member of IdeaGen Support or your reseller.

Macro population

This allows writing of all relevant information about the document being viewed to the client's QWCS.INI file immediately before launching the editor. The editor can then pick up this information and place it in the document to provide up-to-date information on the serial number etc.

This is done by invoking either:

- a Java applet or
- ActiveX control

and is determined by the 'Populate Macros using' setting on the **Configuration** page of the **Configuration Program**.

If using a Java applet the location of the applet is fetched from the Applet location setting defined on the **General** page of the **Configuration Program**.

If using an ActiveX control, then its location is set to that of QWBCGI.EXE itself.

NB. It should be noted that writing to a file on a client by a Java applet is not allowed by Java Virtual Machines unless the client is specifically set up to do so, and even then, only by Internet Explorer. This means that the browser settings of any client needing this support must be modified accordingly. Also, as the Windows directory is used, the applet is Windows specific.

Also, as the ActiveX control is unsigned, you may need to modify your Browser settings to allow it to run. If this is required, you will be offered the chance to read a Help page on how to do this the first time it tries to load.

HTML TAG USAGE GUIDE

Common tags

The following tags are common throughout IntraVista (ie. they can be used on any page).

<#IGS_MN_AppName> is used to identify the CGI executable. This entry is set using the Configuration Program and held in the field marked 'Program Name' on the **General** page.

<#IGS_MN_AppVersion> is used to display the current version number of IntraVista. This entry is generated from the version resource held inside qwbcgi.exe.

<#IGS_MN_BaseRef> is used to define the base URL of all relative links on the page. This entry is set using the Configuration Program and held in the field marked 'HTML Base' on the **General** page.

<#IGS_MN_ContactEmail> is used to display the contents of the 'Mail To' entry on the **General** page of the Configuration Program.

<#IGS_MN_Database> is used to display the name of the currently selected database. If no database has yet been selected this session, then the tag is replaced with an empty string.

<#IGS_MN_SessionID> defines the unique connection identifier for this session.

<#IGS_MN_UserID> is used to display the Login of the current logged on user. If the database is accessed as an anonymous user, then this value will be blank.

Common tag elements

There are also a number of common elements shared by one or more tags:

- The **CHECKED** parameter defines whether a radio button should be selected by default.
- The **DISPLAYTEXT** parameter allows you to define the text to be displayed by the side of the particular control. Each control has a value that it will use by default if this parameter is excluded and is shown in the syntax example for each tag.
- The **SIZE** parameter allows you to define the height or width of the control. Again, the default value is shown in the syntax example.

Database selection page

Configuration entry: **Database Selection**

Default template: **DBSELECT.HTM**

Mandatory tags with syntax example:

- `<#IGS_MN_AppName>`
- `<#IGS_MN_DBList SIZE=12>`

Discretionary tags with syntax example:

- `<#IGS_MN_AppVersion>`
- `<#IGS_DC_BaseRef>`
- `<#IGS_MN_SessionID>`
- `<#IGS_MN_UserID>`

CGI method: **qwbcgi.exe/dbselect**

CGI method called: **qwbcgi.exe/login**

Page Description

This page displays the list of available databases aliases defined using the supplied Web Configuration Program, inside a standard HTML `<select>...</select>` construct. It returns the Login page by default. However, if you do not require login authentication or are using Windows authentication then this can be changed to return the Search page.

Description of Tags valid for this page

`<#IGS_MN_DBList SIZE=n>` is a mandatory tag which generates the `<select>...</select>` construct which contains the list of available databases.

`<#IGS_MN_AppName>` is a mandatory tag which is used to identify the CGI executable and the method to be called. This entry is set using the Configuration Program and held in the field marked 'Program Name' on the **General** page.

`<#IGS_MN_AppVersion>` is a discretionary tag which is used to display the current version number of IntraVista. This entry is generated from the version resource held inside qwbcgi.exe.

`<#IGS_MN_BaseRef>` is a discretionary tag which is used to define the base URL of all relative links on the page. This entry is set using the Configuration Program and held in the field marked 'HTML Base' on the **General** page.

`<#IGS_MN_SessionID>` is an optional tag that defines the unique connection identifier for this session.

`<#IGS_MN_UserID>` is an optional tag which is used to display the Login of the current logged on user. If there is no current login information available, this tag will return an empty value.

Database login page

Configuration entry: **User Login**

Default template: **LOGIN.HTM**

Mandatory tags with syntax example:

- `<#IGS_MN_AppName>`

Discretionary tags with syntax example:

- `<#IGS_DC_BaseRef>`
- `<#IGS_MN_Database>`
- `<#IGS_MN_AppVersion>`
- `<#IGS_MN_SessionID>`
- `<#IGS_MN_DBUsesNTAuth>`
- `<#IGS_MN_WinLogon>`
- `<#IGS_MN_NeedPassword>`

CGI Method: **Qwbcgi.exe/dbselect**

CGI Method called: **Qwbcgi.exe/SqlSelect**

Page Description

This page allows for the user to specify their user name and password for authentication against the selected database. This feature can be by-passed by unchecking the 'Alias requires a login from the user' entry on the **Aliases** page within the **Configuration Program**.

NB. It should be noted that if you decide to by-pass this feature, then the filtering of documents by their View / Distribution lists is disabled. This means that all users will have access to all ISSUED documents, regardless of the View list or Distribution list associated with the document.

This page must contain at least two input fields. These fields must be called 'LOGIN' and 'PASSWORD'. For example, the following is a two column by two row table:

```
<TABLE BORDER="1" WIDTH="50%">
  <TR>
    <TD ALIGN=RIGHT VALIGN=CENTER>Login </TD>
    <TD><INPUT TYPE="TEXT" NAME="LOGIN" SIZE=12></TD>
  </TR>
  <TR>
    <TD ALIGN=RIGHT VALIGN=CENTER>Password </TD>
    <TD><INPUT TYPE="PASSWORD" NAME="PWORD" SIZE=12></TD>
  </TR>
</TABLE>
```

Description of Tags valid for this page

<#IGS_MN_AppName> is a mandatory tag which is used to identify the CGI executable. This entry is set using the Configuration Program and held in the field marked 'Program Name' on the **General** page.

<#IGS_MN_BaseRef> is a discretionary tag which is used to define the base URL of all relative links on the page. This entry is set using the Configuration Program and held in the field marked 'HTML Base' on the **General** page.

<#IGS_MN_Database> is a discretionary tag which can be used to display the name of the currently selected database.

<#IGS_MN_AppVersion> is a discretionary tag which is used to display the current version number of IntraVista. This entry is generated from the version resource held inside qwbcgi.exe.

<#IGS_MN_SessionID> is an optional tag that defines the unique connection identifier for this session.

<#IGS_MN_DBUsesNTAuth> is an optional tag that identifies whether the database being logged into requires NT or Workbench authentication.

<#IGS_MN_WinLogon> is an optional tag that shows the current user's Windows logon if the database being logged into requires NT authentication. **NB. This field will only be populated if the IIS server is set to use authenticated access for the IntraVista CGI application. It will not work with anonymous logins.**

<#IGS_MN_NeedPassword> is an optional tag that identifies whether a password is required when NT authentication is being used.`

If the database being logged into does not require NT authentication, then a password will always be needed.

If the database does require NT authentication and the control 'Requires password to login to database' is set, the system will attempt to match the login (and password) against Windows (rather than Workbench). If the 'Requires password to login to database' is not set and the login you give matches your Windows login, then you will not be required to give a password.

Unauthorised login page

Configuration entry: **Unauthorised Login**

Default template: **AUTOLOGIN.HTM**

Mandatory tags with syntax example:

- `<#IGS_MN_AppName>`
- `<#IGS_MN_OrigRef>`

Discretionary tags with syntax example:

- `<#IGS_DC_BaseRef>`
- `<#IGS_MN_Database>`
- `<#IGS_MN_AppVersion>`
- `<#IGS_MN_SessionID>`
- `<#IGS_MN_UserID>`
- `<#IGS_MN_DBUsesNTAuth>`
- `<#IGS_MN_WinLogon>`
- `<#IGS_MN_NeedPassword>`

CGI Method: **none**

CGI Method called: **none**

Page Description

This page is generated when the current login credentials cannot be authenticated against the selected database alias. This is normally the case when a document contains a hypertext link to another document held in a different Workbench database and the alias for that database dictates that user authentication is required.

This page otherwise functions in the same manner as the 'Database Login page' detailed in the previous section.

Description of Tags valid for this page

<#IGS_MN_AppName> is a mandatory tag which is used to identify the CGI executable. This entry is set using the Configuration Program and held in the field marked 'Program Name' on the **General** page.

<#IGS_MN_OrigRef> is a mandatory tag which is used to identify the document to which a successful login will link. This tag expands to include the session ID, the database name and the document ID for a successful link. If the login fails, the error page will be displayed.

<#IGS_MN_BaseRef> is a discretionary tag which is used to define the base URL of all relative links on the page. This entry is set using the Configuration Program and held in the field marked 'HTML Base' on the **General** page.

<#IGS_MN_Database> is a discretionary tag which can be used to display the name of the currently selected database.

<#IGS_MN_AppVersion> is a discretionary tag which is used to display the current version number of IntraVista. This entry is generated from the version resource held inside qwbcgi.exe.

<#IGS_MN_SessionID> is an optional tag that defines the unique connection identifier for this session.

<#IGS_MN_UserID> is an optional tag which is used to display the Login of the current logged on user. If there is no current login information available, this tag will return an empty value.

<#IGS_MN_DBUsesNTAuth> is an optional tag that identifies whether the database being logged into requires NT or Workbench authentication.

<#IGS_MN_WinLogon> is an optional tag that shows the current user's Windows logon if the database being logged into requires NT authentication. **NB. This field will only be populated if the IIS server is set to use authenticated access for the IntraVista CGI application. It will not work with anonymous logins.**

<#IGS_MN_NeedPassword> is an optional tag that identifies whether a password is required when NT authentication is being used.

If the database being logged into does not require NT authentication, then a password will always be needed.

If the database does require NT authentication and the control 'Requires password to login to database' is set the system will attempt to match the login (and password) against Windows (rather than Workbench). If the 'Requires password to login to database' is not set and the login you give matches your Windows login, then you will not be required to give a password.

Database search page

Configuration entry: **Search Page**

Default template: **SEARCH.HTM**

Mandatory tags with syntax example:

- `<#IGS_MN_AppName>`

Discretionary tags with syntax example:

- `<#IGS_DC_BaseRef>`
- `<#IGS_MN_Database>`
- `<#IGS_DC_SearchValue SIZE=50>`
- `<#IGS_DC_SerialNumber CHECKED=False DISPLAYTEXT=Serial+Number>`
- `<#IGS_DC_UserReference CHECKED=False DISPLAYTEXT=User+Reference>`
- `<#IGS_DC_WithinTitle CHECKED=False DISPLAYTEXT=Within+Title>`
- `<#IGS_DC_Category>`
- `<#IGS_DC_Department>`
- `<#IGS_DC_Type>`
- `<#IGS_DC_DocOwner>`
- `<#IGS_DC_DocAuthor>`
- `<#IGS_DC_DateCreated>`
- `<#IGS_DC_DateCreatedBefore CHECKED=False>`
- `<#IGS_DC_DateCreatedAfter CHECKED=False>`
- `<#IGS_DC_LastModifiedDate>`
- `<#IGS_DC_LastModifiedDateBefore CHECKED=False>`
- `<#IGS_DC_LastModifiedDateAfter CHECKED=False>`
- `<#IGS_DC_Keyword SIZE=3>`
- `<#IGS_MN_AppVersion>`
- `<#IGS_MN_SessionID>`
- `<#IGS_MN_UserID>`

Discretionary variables (no tag equivalent):

- `IGS_DC_Orderby`
- `IGS_DC_Order`

CGI Method: **qwbcgi.exe/sqlselect**

CGI Method called: **qwbcgi.exe/doclist**

Page Description

This page allows for the database search parameters to be specified.

When this page is generated by IntraVista, the tags are replaced with the appropriate HTML and, where required, a FORM element. Each of these FORM elements may be coded by hand allowing certain search criteria to be pre-set.

As each of the FORM elements is populated from the database dynamically, if you choose to hand code any of the FORM elements you will lose the dynamic capability of that particular element.

It should be noted that inclusion of a large selection from the Keyword list (<#IGS_DC_Keyword>) might well exceed the HTTP POST limits for transfer sizes. It is recommended that you place the keyword search tag (if required) at the end of the page if at all possible. For more information, please contact your software supplier.

You should also note that each of the parameters that can be specified from this page are ADDITIVE. This means that the more information you supply, the smaller the set of results returned will be. You are unable, at present, to specify that criteria should match either one **OR** another search value.

Description of Tags valid for this page

Tag: <#IGS_MN_BaseRef>

HTML example: <BASE href="http://www.server.com/intravista/html/">

Description: A discretionary tag that is used to define the base URL of all relative links on the page. This entry is set using the Configuration Program and held in the field marked 'HTML Base' on the **General** page.

Tag: <#IGS_MN_AppName>

HTML example: www.server.com/scripts/qwbcgi.exe

Description: is a mandatory tag that is used to identify the CGI executable. This entry is set using the Configuration Program and is a combination of the Web Server name ('Server Name') and the entry held in the field marked 'Program Name' on the **General** page.

Tag: <#IGS_MN_Database>

HTML example: *database alias name*

Description: is a discretionary tag that can be used to display the name of the currently selected database.

Tag: <IGS_DC_SearchValue SIZE=n>

HTML example: <input type="text" name="IGS_DC_SearchValue" size="30">

Description: is a discretionary tag which, when used, will generate a text entry box to allow the search text or value to be entered.

Tag: <#IGS_DC_SerialNumber CHECKED={True | False} DISPLAYTEXT=Word1+Word2...>

HTML example: <INPUT TYPE="radio" NAME="IGS_DC_SearchBy" VALUE="SerialNumber" CHECKED>Word1 Word2...

Description: is a discretionary tag which, when included, will generate a radio button allowing the database to be searched by the Document Serial Number field. This search will return any documents whose serial number is greater than or equal to the value specified.

Tag: <#IGS_DC_UserReference CHECKED={True | False} DISPLAYTEXT={Word1+Word2...}>

HTML example: <INPUT TYPE="radio" NAME="IGS_DC_SearchBy" VALUE="UserReference" CHECKED>Word1 Word2...

Description: is a discretionary tag which, when included, will generate a radio button allowing the database to be searched by the User Reference field. This search is a wild card search that will return all documents that contain the specified text in the User Reference field. This is a non-case sensitive search.

Tag: <#IGS_DC_WithinTitle CHECKED={True | False} DISPLAYTEXT={Word1+Word2...}>

HTML example: <INPUT TYPE="radio" NAME="IGS_DC_SearchBy" VALUE="WithinTitle" CHECKED>Word1 Word2...

Description: is a discretionary tag which, when included, will generate a radio button allowing the database to be searched using the Document Title. This search is a wild card search that will return all documents that contain the specified word(s) in the title. This is a non-case sensitive search.

Tag: <#IGS_DC_Category>

HTML example: <SELECT NAME="IGS_DC_Category"><OPTION VALUE=0><OPTION VALUE=1>Manuals<OPTION ...></SELECT>

Description: is a discretionary tag which, when included, will generate a drop-down list of document categories defined within the database.

Tag: <#IGS_DC_Department>

HTML example: <SELECT NAME="IGS_DC_Department"><OPTION VALUE=0><OPTION VALUE=1>Sales and Marketing<OPTION ...></SELECT>

Description: is a discretionary tag which, when included, will generate a drop-down list of departments defined within the database.

Tag: <#IGS_DC_Type>

HTML example: <SELECT NAME="IGS_DC_Type"><OPTION VALUE=0><OPTION VALUE=1>Procedures<OPTION ...></SELECT>

Description: is a discretionary tag which, when included, will generate a drop-down list of document types defined within the database.

Tag: <#IGS_DC_DocOwner>

HTML example: <SELECT NAME="IGS_DC_DocOwner" ><OPTION><OPTION VALUE="har001">George Harding<OPTION ...></SELECT>

Description: is a discretionary tag which, when included, will generate a drop-down list of those members of staff, in alphabetical order, who are defined as document owners.

Tag: <#IGS_DC_DocAuthor>

HTML example: <SELECT NAME="IGS_DC_DocAuthor" ><OPTION><OPTION VALUE="gre001">James Green<OPTION ...></SELECT>

Description: is a discretionary tag which, when included, will generate a drop-down list of those members of staff, in alphabetical order, who are defined as document authors.

Tag: <#IGS_DC_DateCreated>

HTML example: <INPUT TYPE="text" NAME="IGS_DC_DateCreated" SIZE=10>

Description: is a discretionary tag which, when included, will allow the entry of a date on which the database can be searched. This date will be compared to the document creation date (either as an 'On or Before' or a 'On or After' basis depending on the setting of <#IGS_DC_DateCreatedBefore> and <#IGS_DC_DateCreatedAfter>).

Tag: <#IGS_DC_DateCreatedBefore CHECKED={True | False}>

HTML example: <INPUT TYPE="radio" NAME="IGS_DC_DateCreatedChoice" VALUE="Before" CHECKED>Before

Description: is a discretionary tag which, when included and used in conjunction with <#IGS_DC_DateCreated> will generate a radio button allowing the database to be searched using an 'On or Before' comparison with the document creation date.

Tag: <#IGS_DC_DateCreatedAfter CHECKED={True | False}>

HTML example: <INPUT TYPE="radio" NAME="IGS_DC_DateCreatedChoice" VALUE="After" CHECKED> After

Description: is a discretionary tag which, when included and used in conjunction with <#IGS_DC_DateCreated> will generate a radio button allowing the database to be searched using an 'On or After' comparison with the document creation date.

Tag: <#IGS_DC_LastModifiedDate>

HTML example: <INPUT TYPE="text" NAME="IGS_DC_LastModifiedDate" SIZE=10>

Description: is a discretionary tag which, when included, will allow the entry of a date on which the database can be searched. This date will be compared to the date that the document was last issued (either as an 'On or Before' or a 'On or After' basis depending on the setting of <#IGS_DC_LastModifiedDateBefore> and <#IGS_DC_LastModifiedDateAfter>).

Tag: <#IGS_DC_LastModifiedDateBefore CHECKED={True | False}>

HTML example: <INPUT TYPE="radio" NAME="IGS_DC_LastModifiedDateChoice" VALUE="Before" CHECKED> Before

Description: is a discretionary tag which, when included and used in conjunction with <#IGS_DC_LastModifiedDate> will generate a radio button allowing the database to be searched using an 'On or Before' comparison with the date the document was last modified.

Tag: <#IGS_DC_LastModifiedDateAfter CHECKED={True | False}>

HTML example: <INPUT TYPE="radio" NAME="IGS_DC_LastModifiedDateChoice" VALUE="After" CHECKED> After

Description: is a discretionary tag which, when included and used in conjunction with <#IGS_DC_LastModifiedDate> will generate a radio button allowing the database to be searched using an 'On or After' comparison with the date the document was last modified.

Tag: <#IGS_DC_Keyword SIZE=n>

HTML example: <SELECT NAME="IGS_DC_Keyword" Multiple Size=5"><OPTION VALUE="0"></OPTION><OPTION VALUE="22">Accounting Principles</OPTION><OPTION ...></SELECT>

Description: is a discretionary tag which, when used, will generate a multi-select, scrolling list box containing the document keywords stored in the database.

Tag: <#IGS_MN_AppVersion>

HTML example: *version number in the form x.x.x.x*

Description: is a discretionary tag that is used to display the current version number of IntraVista. This entry is generated from the version resource held inside qwbcbgi.exe.

Description of optional Tags valid for this page

<#IGS_MN_SessionID> is an optional tag that defines the unique connection identifier for this session.

<#IGS_MN_UserID> is an optional tag which is used to display the Login of the current logged on user. If there is no current login information available, this tag will return an empty value.

Description of additional variables valid for this page

Variable: IGS_DC_Orderby

HTML example: <select name="IGS_DC_Orderby" size="1">
 <option value="id" selected>Serial number</option>
 <option value="title">Document title</option>
 <option value="userref">User reference</option>
 <option value="editor">Editor</option>
 <option value="viewer">Viewer</option>
 <option value="revision">Current revision</option>
 <option value="department">Department</option>
 <option value="category">Category</option>
 <option value="type">Document type</option>
 <option value="owner">Owner</option>
 <option value="author">Author</option>
 <option value="datelastissued">Date of issue</option>
 <option value="datecreated">Creation date</option>
</select>

Description: is a discretionary variable used to define the field on which the resultant document list should be sorted.

Variable: IGS_DC_Order

HTML example: <select name="IGS_DC_Order" size="1">
 <option value="a" selected>Ascending</option>
 <option value="d">Descending</option>
</select>

Description: is a discretionary variable that is used to define the sort order of the resultant list of documents.

Search results page

Configuration entry: **Document Results**

Default template: **DOCRESLT.HTM**

Mandatory tags with syntax example:

- `<#IGS_DC_DocList ALIGN=LEFT COLOUR=black BORDER=1 WIDTH=80
{ID=Serial+Number} {USERREF=User+Reference} {TITLE=Document+Title}
{EDITOR=Editor} {VIEWER=Viewer} {REVISION=Revision} {DEPARTMENT=Department}
{CATEGORY=Category} {TYPE=Type} {OWNER=Owner} {AUTHOR=Author}
{DATELASTISSUED=Date+of+issue} {DATECREATED=Date+of+creation}>`

Discretionary tags with syntax example:

- `<#IGS_MN_BaseRef>`
- `<#IGS_MN_Database>`
- `<#IGS_MN_NavHomePage DISPLAYTEXT=Home+Page>`
- `<#IGS_DC_NavDatabasePage DISPLAYTEXT=Select+Database+Page>`
- `<#IGS_DC_NavSQLPage DISPLAYTEXT=SQL+Selection+Page>`
- `<#IGS_DC_NavListPage DISPLAYTEXT=Show+Documents+Page>`
- `<#IGS_DC_Criteria>`
- `<#IGS_MN_AppVersion>`
- `<#IGS_MN_SessionID>`
- `<#IGS_MN_UserID>`

CGI Method: **qwbcgi.exe/sqlselect**

GII Method called: **qwbcgi.exe/docshow** or

qwbcgi.exe/docfetch or

qwbcgi.exe/docframe

Page Description

This page displays the results of the database search to be displayed in a table.

The table returned contains a list of documents, which have fulfilled the search criteria specified.

The links to the document are in the form of an HTTP reference, which surrounds the document title.

The table will always have at least one column – the document title, ie. IntraVista should behave as if the following parameter had been used:

`TITLE=Title`

The order of the columns and their values will reflect their order in the tag as parameters.

For example, using '**ID=Serial+Number USERREF=Reference REVISION=Revision**

TITLE=Document+Title' will create a table with headings like this:

Serial Number	Reference	Revision	Document Title
---------------	-----------	----------	----------------

If searched database requires user authentication, then only documents that fulfil at least one of the following criteria will be displayed:

- 1 The document has no View list defined **OR**
- 2 The document has a View list which the user is on **OR**
- 3 The document has a Distribution list which the user is on **OR**
- 4 The document has an Approval (Document or Change) list which the user is on **OR**

- 5 The document has an Edit list which the user is on **OR**
- 6 The user is the Owner of the document **OR**
- 7 The user is logged in as ADMIN.

Description of Tags valid for this page

<#IGS_DC_DocList ALIGN={LEFT | CENTER | RIGHT} COLOUR={xxx | hhhhhh} BORDER=n WIDTH=nnn {ID=Serial+Number} {USERREF=User+Reference} {TITLE=Document+Title} {EDITOR=Editor} {VIEWER=Viewer} {REVISION=Revision} {DEPARTMENT=Department} {CATEGORY=Category} {TYPE=Type} {OWNER=Owner} {AUTHOR=Author} {DATELASTISSUED=Date+of+issue} {DATECREATED=Date+of+creation}> is a mandatory tag and returns a table containing a list of documents, which have fulfilled the search criteria specified.

The **ALIGN** parameter allows you to define the alignment of text within the cells of the table.

The **COLOUR** parameter allows you to specify the colour of the text contained inside the document results table. The value can either be the colour name (e.g. red) or a hexadecimal number representing the RGB colour (e.g. FF0000).

The **BORDER** parameter allows you to specify the size of table border that you require.

The **WIDTH** parameter allows you to define the width of the table as a percentage of the width of the browser window.

The next thirteen options are used to define the columns to be included in the table and their associated heading. The text that follows each of the = sign is the text to be used as the column heading.

ID – Generates a column containing the document serial number.

USERREF – Generates a column containing the alternate user reference for each document.

TITLE – Generates a column that contains the document title and a link to the actual document itself. This column is automatically generated if it is omitted from the tag.

EDITOR – Generates a column that contains the name of the editor defined for the document.

VIEWER – Generates a column that contains the name of the viewer defined for the document.

REVISION – Generates a column that contains the revision at which the document was last issued.

DEPARTMENT – Generates a column that contains the name of the department associated with the document.

CATEGORY – Generates a column that contains the name of the category associated with the document.

TYPE – Generates a column that contains the name of the type associated with the document.

OWNER – Generates a column that contains the full name of the document owner.

AUTHOR – Generates a column that contains the full name of the document author.

DATELASTISSUED – Generates a column that contains the date that the document was last issued.

DATECREATED – Generates a column that contains the date that the document was created.

<#IGS_MN_BaseRef> is a discretionary tag which is used to define the base URL of all relative links on the page. This entry is set using the Configuration Program and held in the field marked 'HTML Base' on the **General** page.

<#IGS_MN_Database> is a discretionary tag which can be used to display the name of the currently selected database.

<#IGS_MN_NavHomePage DISPLAYTEXT={Word1+Word2...}> is a discretionary tag and will generate a link to the defined home page.

<#IGS_DC_NavDatabasePage DISPLAYTEXT={Word1+Word2...}> is a discretionary tag and will generate a link to the defined database selection page.

<#IGS_DC_NavSQLPage DISPLAYTEXT={Word1+Word2...}> is a discretionary tag and will generate a link to the defined search criteria page.

<#IGS_DC_NavListPage DISPLAYTEXT={Word1+Word2...}> is a discretionary tag and will generate a link to the document results page (ie. this one!). This can be useful when you want to refresh the list of documents that fulfil the specified search criteria, bearing in mind the real-time querying of the database.

<#IGS_DC_Criteria> is a discretionary tag which should only be used for troubleshooting purposes. This will display information regarding the query sent to the database server.

<#IGS_MN_AppVersion> is a discretionary tag which is used to display the current version number of IntraVista. This entry is generated from the version resource held inside qwbcgi.exe.

<#IGS_MN_SessionID> is an optional tag that defines the unique connection identifier for this session.

<#IGS_MN_UserID> is an optional tag which is used to display the Login of the current logged on user. If there is no current login information available, this tag will return an empty value.

View document page

Configuration entry: **Document Display**

Default template: **SHOWDOC.HTM**

Mandatory tags with syntax example:

- `<#IGS_DC_DocFile TARGET="_self">`

Discretionary tags with syntax example:

- `<#IGS_MN_Database>`
- `<#IGS_MN_BaseRef>`
- `<#IGS_DC_Synopsis>`
- `<#IGS_DC_Author>`
- `<#IGS_DC_Owner>`
- `<#IGS_DC_UserRef>`
- `<#IGS_DC_SerialNumber>`
- `<#IGS_DC_IssueDate>`
- `<#IGS_DC_DateCreated>`
- `<#IGS_DC_LastModifiedDate>`
- `<#IGS_DC_Revision>`
- `<#IGS_DC_DocumentEditor>`
- `<#IGS_DC_DocumentViewer>`
- `<#IGS_DC_ReviewResp>`
- `<#IGS_MN_AppVersion>`
- `<#IGS_MN_SessionID>`
- `<#IGS_MN_UserID>`

CGI Method: **qwbcgi.exe/docshow**

CGI Method called: **qwbcgi.exe/docfetch** or
qwbcgi.exe/docframe

Page Description

This page displays the document attributes as well as containing a link to the selected document.

When the hyperlink is clicked, the system checks whether the document requires macro file support or not - ie. is its workflow setting 'Enable macro file population in IntraVista and IVPro' checked? (System Manager module | Workbench Configuration Centre).

If it does, then the Macro Population page is returned. This page should be populated with the necessary code to populate the QWCS.INI file using either the Java applet or unsigned ActiveX control, depending on the 'Populate Macros using' setting (**Configuration** page of the Configuration Program) for the alias.

Once this has been done (or straight away if the document does not require macro support) the program checks whether or not the document requires parsing:

- If it does, then the program will parse the issued version of the document and replace any supported tags (see **Content tags** at the end of this guide). The modified version of the document will then be returned.
- If it does not, then the program will return the unmodified version of the document.

To stop this page being displayed, you should uncheck the 'Show document attributes in this database' for the selected database alias using the **Configuration Program**.

Description of Tags valid for this page

<#IGS_DC_DocFile TARGET="_top | _blank | _self | _parent | {frame name}"> is a mandatory tag and returns an HTTP reference to the selected document. The textual content of the link is the document title.

The **TARGET** parameter allows you to define how and where the resultant document display should take place. Please refer to your HTML documentation for more details on the **TARGET** attribute inside an **<A HREF>... ** construct.

<#IGS_MN_Database> is a discretionary tag which can be used to display the name of the currently selected database.

<#IGS_MN_BaseRef> is a discretionary tag which is used to define the base URL of all relative links on the page. This entry is set using the Configuration Program and held in the field marked 'HTML Base' on the **General** page.

<#IGS_DC_Synopsis> is a discretionary tag and will generate a string containing the text of the Synopsis field for the selected document.

<#IGS_DC_Author> is a discretionary tag and will generate a string which contains the name of the document author. eg. Fred Smith

<#IGS_DC_Owner> is a discretionary tag and will generate a string which contains the name of the document owner. eg. John Stevens

<#IGS_DC_UserRef> is a discretionary tag and will generate a string containing the user reference of the selected document.

<#IGS_DC_SerialNumber> is a discretionary tag and will generate a string containing the document serial number.

<#IGS_DC_IssueDate> is a discretionary tag and will generate a string containing the date and time that the document was last issued. eg. 07/04/2006 19:10:02

<#IGS_DC_DateCreated> is a discretionary tag and will generate a string containing the date and time that the document was created. eg. 13/02/2006 13:27:12

<#IGS_DC_LastModifiedDate> is a discretionary tag and will generate a string containing the date & time that the document was last modified. eg. 07/04/2006 17:11:58

<#IGS_DC_Revision> is a discretionary tag and will generate a string containing the revision number of the currently issued version of the selected document. eg. 2.01

<#IGS_DC_DocumentEditor> is a discretionary tag and will generate a string containing the description of the editor defined for the selected document.

<#IGS_DC_DocumentViewer> is a discretionary tag and will generate a string containing the description of the viewer defined for the selected document.

<#IGS_DC_ReviewResp> is a discretionary tag and will generate a string containing the full name of the person responsible for document reviews.

<#IGS_MN_AppVersion> is a discretionary tag which is used to display the current version number of IntraVista. This entry is generated from the version resource held inside qwbcbgi.exe.

<#IGS_MN_SessionID> is an optional tag defining the unique connection identifier for this session.

<#IGS_MN_UserID> is an optional tag which is used to display the Login of the current logged on user. If there is no current login information available, this tag will return an empty value.

Document frameset specifier

Configuration entry: **Document Frame**

Default template: **DOCFRAME.HTM**

Mandatory tags with syntax example:

- `<#IGS_DC_NavigationPageName>`
- `<#IGS_DC_MainPage>`

Discretionary tags with syntax example:

- `<#IGS_MN_BaseRef>`
- `<#IGS_MN_SessionID>`
- `<#IGS_MN_UserID>`

CGI Method used: **none**

Page Description

This page is used to create a two-frame document view page. The top frame is to include the navigation bar, whilst the bottom frame is used to display the document.

Description of Tags valid for this page

`<#IGS_DC_NavigationPageName>` is a mandatory tag which is used to define the page used to generate the top navigation frame. This entry is set using the Configuration Program and held in the field marked 'Navigation' on the **Frames** page.

`<#IGS_DC_MainPage>` is a mandatory tag which will generate an HTTP link to the document selected.

`<#IGS_MN_BaseRef>` is a discretionary tag which is used to define the base URL of all relative links on the page. This entry is set using the Configuration Program and held in the field marked 'HTML Base' on the **General** page.

`<#IGS_MN_SessionID>` is an optional tag that defines the unique connection identifier for this session.

`<#IGS_MN_UserID>` is an optional tag which is used to display the Login of the current logged on user. If there is no current login information available, this tag will return an empty value.

Document view navigation page

Configuration entry: **Navigation**

Default template: **NAVDOC.HTM**

Tags with syntax example:

- `<#IGS_DC_Navigation> OR`
- `<#IGS_MN_NavHomePage DISPLAYTEXT=Home+Page>`
- `<#IGS_DC_NavDatabasePage DISPLAYTEXT=Select+Database+Page>`
- `<#IGS_DC_NavSQLPage DISPLAYTEXT=SQL+Selection+Page>`
- `<#IGS_DC_NavListPage DISPLAYTEXT=Show+Documents+Page>`
- `<#IGS_MN_BaseRef>`
- `<#IGS_MN_AppVersion>`
- `<#IGS_MN_SessionID>`
- `<#IGS_MN_UserID>`

CGI Method used: **none**

Page Description

This page is used to create the navigation bar at the top of the document view page.

Description of Tags valid for this page

`<#IGS_DC_Navigation>` generates four HTTP references to the following pages: Home Page, Select Database Page, SQL Selection Page and Show Documents Page. These links include all of the details required to allow access to these pages.

`<#IGS_MN_NavHomePage DISPLAYTEXT={Word1+Word2...}>` is a discretionary tag and will generate a link to the defined home page.

`<#IGS_DC_NavDatabasePage DISPLAYTEXT={Word1+Word2...}>` is a discretionary tag and will generate a link to the defined database selection page.

`<#IGS_DC_NavSQLPage DISPLAYTEXT={Word1+Word2...}>` is a discretionary tag and will generate a link to the defined search criteria page.

`<#IGS_DC_NavListPage DISPLAYTEXT={Word1+Word2...}>` is a discretionary tag and will generate a link to the document results page (ie. this one!). This can be useful when you want to refresh the list of documents that fulfil the specified search criteria, bearing in mind the real-time querying of the database.

`<#IGS_MN_BaseRef>` is a discretionary tag which is used to define the base URL of all relative links on the page. This entry is set using the Configuration Program and held in the field marked 'HTML Base' on the **General** page.

`<#IGS_MN_AppVersion>` is a discretionary tag which is used to display the current version number of IntraVista. This entry is generated from the version resource held inside qwbcbgi.exe.

`<#IGS_MN_SessionID>` is an optional tag that defines the unique connection identifier for this session.

`<#IGS_MN_UserID>` is an optional tag which is used to display the Login of the current logged on user. If there is no current login information available, this tag will return an empty value.

No documents selected page

Configuration entry: **No Document Found**

Default template: **NO_DOCS.HTM**

Mandatory tags with syntax example:

- NONE

Discretionary tags with syntax example:

- <#IGS_MN_Database>
- <#IGS_MN_BaseRef>
- <#IGS_DC_Criteria>
- <#IGS_MN_AppVersion>
- <#IGS_MN_SessionID>
- <#IGS_MN_UserID>

CGI Method used: **none**

Page Description

This page is generated whenever the search criteria are too restrictive and there are no documents that match.

Description of Tags valid for this page

<#IGS_MN_Database> is a discretionary tag which can be used to display the name of the currently selected database.

<#IGS_MN_BaseRef> is a discretionary tag which is used to define the base URL of all relative links on the page. This entry is set using the Configuration Program and held in the field marked 'HTML Base' on the **General** page.

<#IGS_DC_Criteria> is a discretionary tag to be used for problem resolution. This tag will generate a sequence of field values to show what criteria and selection code are being used to search the database.

<#IGS_MN_AppVersion> is a discretionary tag which is used to display the current version number of IntraVista. This entry is generated from the version resource held inside qwbcgi.exe.

<#IGS_MN_SessionID> is an optional tag that defines the unique connection identifier for this session.

<#IGS_MN_UserID> is an optional tag which is used to display the Login of the current logged on user. If there is no current login information available, this tag will return an empty value.

Error page

Configuration entry: **Error**

Default template: **ERROR.HTM**

Mandatory tags with syntax example:

- `<#IGS_MN_ErrorCode>`

Discretionary tags with syntax example:

- `<#IGS_MN_Database>`
- `<#IGS_MN_BaseRef>`
- `<#IGS_MN_Contents>`
- `<#IGS_MN_AppVersion>`
- `<#IGS_MN_SessionID>`
- `<#IGS_MN_UserID>`
- `<#IGS_MN_Contactemail>`

CGI Method used: **none**

Page Description

This page is produced when an error occurs that is trapped by the IntraVista Web module. This error can range from a missing HTML template page to a licence being invalidated. For more assistance with individual error messages, please contact your software supplier.

Description of Tags valid for this page

`<#IGS_MN_ErrorCode>` is a mandatory tag which is used to display the internal error code generated by IntraVista.

`<#IGS_MN_Database>` is a discretionary tag which can be used to display the name of the currently selected database.

`<#IGS_MN_BaseRef>` is a discretionary tag which is used to define the base URL of all relative links on the page. This entry is set using the Configuration Program and held in the field marked 'HTML Base' on the **General** page.

`<#IGS_MN_Contents>` is a discretionary tag to be used for problem resolution. This tag will generate a sequence of field values to show what criteria and selection code are being used to search the database.

`<#IGS_MN_AppVersion>` is a discretionary tag which is used to display the current version number of IntraVista. This entry is generated from the version resource held inside qwbcbgi.exe.

`<#IGS_MN_SessionID>` is an optional tag that defines the unique connection identifier for this session.

`<#IGS_MN_UserID>` is an optional tag which is used to display the Login of the current logged on user. If there is no current login information available, this tag will return an empty value.

`<#IGS_MN_ContactEmail>` is a discretionary tag which is used to display the contents of the 'Mail To' entry on the **General** page of the configuration.

COMMON SUPPORT PARAMETERS

The capabilities supported by IntraVista are accessed by specifying an option in an HTTP request immediately after the IntraVista executable location and are known as 'methods'. A method is preceded in the request by a forward slash (/) eg. '/DocFetch' and there must only be one method defined per request.

Some of these methods expect or can accept extra information. This is provided by the request in the form of URL parameters or input fields (see **URL Search parameters**, following).

There are five parameters that are supported by all the IntraVista methods. These are detailed below:

IGS_MN_SessionID	Contains the session indicator (unique connection identifier for this session).
DB	Indicates the database against which the method should be applied. If included and different from the current database then this parameter causes IntraVista to change the current database and perform any actions this necessitates.
LOGIN	Specifies the User ID for connections to a database that requires authentication.
PWORD	Specifies the unencrypted password associated with the supplied LOGIN value.
AUTOLOGIN	If the IntraVista session is not currently logged-in and the following conditions are met, then IntraVista will login automatically as the Workbench user whose login matches the current Windows login of the client machine: 1. The current database must be set to use Windows NT Logon. 2. The current database must NOT require a login to the database. 3. IntraVista must be able to get the current Windows login from the IIS (ie. the IIS must be set to use Authenticated Access). 4. The user's Windows login must NOT match that database's admin login (as admin <i>always</i> uses Workbench authentication). NB. This can also be parsed as an input field on a page.

URL Search parameters

As well as searching for documents using the HTML pages, you are able to generate search results by passing the search criteria as part of the URL. The IntraVista method **DocList** supports this URL parameter passing mechanism.

A URL parameter is any additional information that appears in the URL after the method specification. The first of these parameters must be preceded by a question mark ('?') and each subsequent parameter should be separated by an ampersand ('&').

For example, to search for documents that contain the word 'form' in the title from the database alias 'sample' the following request should be used:

```
http://server/qwbcgi.exe/doclist?db=sample&searchby=WithinTitle&searchvalue=form
```

The method requested in this case is *doclist* and three parameters are passed to it: a database alias of 'sample'; a search type of 'WithinTitle' – look for the supplied value in the document title; a search value of 'form' – the value to search for.

IntraVista will perform the requested search and either return the **Search Results** page or the **No documents selected** page.

The table below shows each of the accepted URL parameters along with an example and the restriction that will be placed on the search. Note that these criteria will be combined in an additive manner - the more parameters that are specified, the smaller the resultant set of documents.

URL Parameter	Example	Restriction	
searchvalue	?searchvalue=form	Only documents that have a field matching this value. The type of match depends upon the value of <i>searchby</i> . If <i>searchby</i> is empty then the search should perform as if it contained 'SerialNumber'.	
searchby	?searchby=WithinTitle	The value of this determines which field should be searched. Its valid values and restrictions are:	
		Value	Restriction
		SerialNumber	Only those documents whose serial number is at least the value of <i>IGS_DC_SearchValue</i>
		UserReference	Only those documents whose user reference contains the value of <i>IGS_DC_SearchValue</i>
		WithinTitle	Only those documents whose title contains the value of <i>IGS_DC_SearchValue</i>
category	?category=forms	Only those documents with a category description matching the value. It is case insensitive.	
categoryid	?categoryid=12	Only those documents with a category ID matching the value.	
department	?department=sales	Only those documents with a department description matching the value. This parameter is case insensitive.	
departmentid	?departmentid=4	Only those documents with a department ID matching the value.	
type	?type=process	Only those documents with a type description matching the value. This parameter is case insensitive.	
typeid	?typeid=5	Only those documents with a type ID matching the value.	
keyword	?keyword=company+form	Only those documents that have all of the keywords specified in the value associated with them.	
docowner	?docowner=ste001	Only those documents owned by the user whose STAFFID matches the value.	
docauthor	?docauthor=ste001	Only those documents where the author's STAFFID matches the value.	

datecreatedchoice	?datecreatedchoice=Before	The value of this determines whether the restriction used for the <i>IGS_DC_DateCreated</i> input is greater or less than. Its valid values and restrictions are:	
		Value	Restriction
		Before	Only those documents whose creation date is on or before the value of <i>IGS_DC_DateCreated</i>
		<any other>	Only those documents whose creation date is on or after the value of <i>IGS_DC_DateCreated</i>
datecreated	?datecreated=31/06/2006	The value of this is used in the restriction specified by the <i>IGC_DC_DateCreatedChoice</i> input field. If this input is empty then no restriction is applied.	
lastmodifieddatechoice	?lastmodifieddatechoice=Before	The value of this determines whether the restriction used for the <i>IGS_DC_LastModifiedDate</i> input is greater or less than. Its valid values and restrictions are:	
		Value	Restriction
		Before	Only those documents whose last issue date is on or before the value of <i>IGS_DC_LastModifiedDate</i>
		<any other>	Only those documents whose last issue date is on or after the value of <i>IGS_DC_LastModifiedDate</i>
lastmodifieddate	?lastmodifieddate=31/06/2006	The value of this is used in the restriction specified by the <i>IGC_DC_LastModifiedDateChoice</i> input field. If this input is empty then no restriction is applied.	

The order of the list of matching document is determined by the value of the **order** and **orderby** parameters as follows:

Parameter	Value	Order / Meaning
order	<None>	Sort in ascending order
	A	Sort in ascending order
	D	Sort in descending order
orderby	<None>	Serial Number
	Id	Serial Number
	title	Document Title
	userref	User Reference
	editor	Document editor name
	viewer	Document viewer name
	revision	Issued revision number
	department	Document department description
	category	Document category description
	type	Document type description
	owner	Document owner
	author	Document author
	datelastissued	Date the document was last issued
	datecreated	Date the document was created

MIME TYPES, HYPERTEXT LINKS and CONTENT TAGS

MIME types

When a document has been selected for viewing, IntraVista streams the selected document direct to the browser client in its native format. To ensure that the browser is able to identify the document and invoke the correct viewing method, the MIME type of the document is sent to the browser as part of the HTTP header.

To this end, IntraVista and Workbench needs to know the MIME type of each document stored. This information is stored with the Editor details inside each Workbench database in the field 'Content Type (MIME)'.

The following is a list of MIME types for common document editors. Please note that this list is provided as a guide only. You should ensure that the MIME types that you specify are accurate and are supported by your browser(s).

Application	MIME Type
MS Word	application/msword
MS Excel	application/vnd.ms-excel
MS Powerpoint	application/vnd.ms-powerpoint
HTML Document	text/html
Wordpad / Text	text/plain
Adobe Acrobat	application/pdf
MIDI file	audio/mid
Real Audio	audio/x-pn-realaudio
QuickTime Video	video/quicktime

For more information regarding the MIME type for an application, please refer to the application documentation.

Hypertext links

Hypertext linking is fully supported by IntraVista. You may create links to documents that exist inside any Workbench database that has an IntraVista alias defined.

The format of this link is as follows:

```
http://servername/scripts/qwbcgi.exe/docfetch?id=xx&db=alias+name
```

where servername is the name of the Web server running IntraVista, xx is the serial number of the document to be selected and alias+name is the alias by which IntraVista knows the database.

If the selected document has yet to be issued, the link will fail with an appropriate error message.

You may also embed an IdeaGen custom tag inside documents that IntraVista will resolve prior to delivering the document to the browser. This tag is only available to documents that are in a text or HTML format.

The format of the tag is as follows:

```
<#igs_dc_href id=xx db=alias+name>
```

For information regarding this tag, please see the next section of this document.

Content tags

IntraVista has the capability to parse a document prior to delivery to the browser, enabling the custom IdeaGen tags to be embedded and expanded inside the document. This parsing capability is only available to non-proprietary document formats (i.e. Text, HTML etc).

To enable document parsing for particular document types, you should log into the database using Workbench Version 2008 or greater.

- 1 Select **Document Control | Settings | Document Editors**, and then pick the relevant document editor.
- 2 Ensure that the 'Parse file output' option is checked on the **General** page.

Description of available embedded Tags

<#IGS_MN_Database> is a discretionary tag which can be used to display the name of the currently selected database.

<#IGS_MN_BaseRef> is a discretionary tag which is used to define the base URL of all relative links on the page. This entry is set using the Configuration Program and held in the field marked 'HTML Base' on the **General** page.

<#IGS_MN_AppName> is a discretionary tag which is used to identify the CGI executable. This entry is set using the Configuration Program and held in the field marked 'Program Name' on the **General** page.

<#IGS_DC_Href id=x db=alias+name> is a discretionary tag which can be used to generate a fully formatted HTTP reference to the document which is defined by **id**, in the database defined by **alias+name**.

<#IGS_DC_DocTitle id=x db=alias+name> is a discretionary tag which is used to embed the title of a specific document (serial number **id** in the database alias **alias+name**) into the parsed document.

<#IGS_DC_QWSERIAL> is a discretionary tag which may be used to embed the serial number of the document being parsed.

<#IGS_DC_QWREV> is a discretionary tag which may be used to embed the revision number of the document being parsed.

<#IGS_DC_QWTITLE> is a discretionary tag which may be used to embed the title of the document being parsed.

<#IGS_DC_QWREF> is a discretionary tag which may be used to embed user reference of the document being parsed.

<#IGS_DC_QWCDATE> is a discretionary tag which may be used to embed the creation date of the document being parsed.

<#IGS_DC_QWUSER> is a discretionary tag which may be used to embed the full name (forename and surname) of the user requesting the document. If the database from which the document is being delivered does not require user authentication, this tag will be replaced with 'Anonymous'.

<#IGS_DC_QWUSERID> is a discretionary tag which may be used to embed the STAFFID of the user requesting the document. If the database from which the document is being delivered does not require user authentication, this tag will be replaced with an empty string.

<#IGS_DC_QWCATEGORY> is a discretionary tag which may be used to embed the name of the CATEGORY to which the document being parsed belongs.

<#IGS_DC_QWDEPARTMENT> is a discretionary tag which may be used to embed the name of the DEPARTMENT to which the document being parsed belongs.

<#IGS_DC_QWTYPE> is a discretionary tag which may be used to embed the name of the TYPE of document being parsed.

<#IGS_DC_QWAUTHOR> is a discretionary tag which may be used to embed the full name (forename and surname) of the author of the document being parsed.

<#IGS_DC_QWISSUE> is a discretionary tag which may be used to embed the date that the document being parsed was last issued.

<#IGS_DC_QWAPPR> is a discretionary tag that may be used to embed the full name (forename and surname) of the last person to approve the document being parsed.

<#IGS_DC_QWADATE> is a discretionary tag which may be used to embed the date that the document being parsed was approved.

<#IGS_DC_QWOWNER> is a discretionary tag which may be used to embed the full name (forename and surname) of the owner of the document being parsed.

<#IGS_DC_QWREVIEWRESP> is a discretionary tag which may be used to embed the full name (forename and surname) of the person responsible for reviews for the document being parsed.