Home Web Server - Server Replace Tags

To use Home Web Server's internal tags, you have to enable server-replace-tags on the settings window. After this setting is done, when ever the server serves a text/html document to client it will be first checked against list of possible tags to replace.

Example File "index.html" that does have server replace tags as content:

```
<html><body>
    <b>Wellcome ||IP!</b><br>
    You just connected to ||SERVER.<br>
    Time here is ||DATE ||TIME.<br>
</body></html>
```

Above example would cause following document to be passed to the client as a response to it's get request:

```
<html><body>
    <b>Wellcome 88.112.xxx.xxx!</b><br>
    You just connected to Home Web Server (HWS125).<br>
    Time here is 8.1.2009 17:38:52.<br>
</body></html>
```

Server replace tags listed onto this document is splitted into two parts, replace tags without any parameters and those that require something to be specified between the brackets to get them working.

List of Server-Replace-Tags

BUILD	Home Web Server build information, ex. "B94"
SERVER	Server name, ex. "MyOwnServer"
UPTIME	Uptime in hours, presented with two decimals, ex. "5,6". Means also that you will have to add the units in the html if you need those.
ONLINE%	Online % from the time statistics has been reset or the server fast started for the first time. Computer down time will affect to the online % as it should be.
DOCUMENT	Document name that was served to the client, ex. "/pictures/fileslist.html"
MIMETYPE	Mimetype definition of the document served
CONNECTIONS ALL_CONNECTIONS	Amount of connections that has been served via Home Ftp Server. New connection is made to serve new page or picture. "ALL_" in the beginning is for showing all conntection from last statistics reset.
CLIENTS	Amount of clients sessions open. On making the connection, every client is made a session that will be open time defined at the settings (default 60s). You'll write on your html for example "||CLIENTS online with you".
SESSIONS ALL_SESSIONS	Total amount of sessions served via the server. "ALL_" in the beginning is for showing all conntection from last statistics reset.
BDOWNLOADED ALL_BDOWNLOADED	Amount of bytes downloaded. "ALL_" in the beginning is for showing all conntection from last statistics reset.
TIME	Current time, formatting according to local settings.
DATE	Current date, formatting according to local settings.
ALL_DATE	All time statistics reset date. Could be used for example to show some kind of running since information for the ALL statistics listed above.
USER	Client's username. Unless the client has been logged in using the internal accounts, this tag will show only "Anonymous".
IP	Address of the client. This shows the IP address client connected from, ex. "xxx.xx.xx.xxx".
PORT	Client port, ex. "54204"
SECURE	Shows "True" if client is connected using the Open SSL (https) connection, otherwise this will show "False"
AGENT	Client agent, ex. "Mozilla/5.0 (Windows; U; Windows NT 6.0; fi; rv:1.8.1.11) Gecko/20071127 Firefox/2.0.0.11"
REFERER	Referer
ACCEPTLANG	Accept languages
UNPARSEDPAR	Unparsed parameters
REQUESTHEAD	Request header
RESPHEAD	Response header
BDOWNAVG	Average bytes downloaded per hour. In case the server has served 1,25Mb of files within last 2 hours, the result would show "0,62kb/h".

List of Server-Replace-Tags

In addition to those simple tags listed earlier, there is several tags that will need some parameters defined to work. Formatting with these goes as follows:
||TAGNAME(parameters).

User levels and Content:

IFANONYMOUS(	Content to show to anonymoys only	This flag is replaced by empty for the clients logged in, but all anonymous browsers are able to see everything written as content. As an example HTML file could include: ||IFANONYMOUS(You are logged in as anonymous)
IFMEMBER(	Content to show to members only	This tag is replaced by empty in case anonymous is reading the page. In case the page is read by someone logged into account, all written as content will be shown as it is.
IFMEMBER(	Member name; Content to show to this member	As an option, it is possible to specify which member is able to see contents specified by this replace tag. For example ||IFMEMBER(API;Only API can see this)
LOADCONTENT(	Filename	This tag is replaced with the contents of another file given as parameter. For example, if you have table of contents created into "TableOfContents.Html" you can use that on all documents using the list by just writing "|| LOADCONTENT(c:\wwwroot\TableOfContents.Html)"
ESCAPE(	Content	
UNESCAPE(	Content	

Files and Folders:

DIRLIST(	Folder; Alias	Server produces directory listing of the folder given as a parameter. To make clients able to download listed items, make sure that you've alias defined to the files under the web root. For exemple put into the html document ||DIRLIST(c:\www\files;/files/) would list files inside the c:\www\files to the client.
FILESIZE(	Filename	Returns the formatted file size of file given as parameter. For example, if you wish to see some executable's file size on your html, you would write: "||FILESIZE(c:\MyExecutable.exe)"
FILEREV(	Filename	Extracts the revision information of file. Formatting as follows: Revision(dot)Major(dot)Minor(dot)Build.
FILEDATE(	Filename	Tag is replaced by the file's modification date formatted according to the local settings.
DELETE(	Filename or Directory	Client must be logged in with allow file tags checked.
RENAME(	Filename or Directory	Client must be logged in with allow file tags checked.

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File download monitoring:

MONITORCOUNT(	Monitorname: String	Returns amount of downloads of monitored file given as parameter to this tag. File must exist on the monitored files list to have this tag working.
MONITORTODAY(	Monitorname: String;	Amount of downloads today on the monitored file list.
MONITORAVGPERDAY(		Average downloads per day, according to the monitored file(s) list.
MONITORAVGSINCE(	Monitorname: String;	Replaced with the date and time of when this item was added to the monitoring list.

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In addition to those simple tags listed earlier, there is several tags that will need some parameters defined to work. Formatting with these goes as follows:
||TAGNAME(parameters). There is no limitation of how many of same tags you have on the document.

HOSTCONNECTIONSDAY(HOSTSESSIONSDAY(HOSTBYTESWRITTENDAY(	Host defined into domain aliases list	Replaced with connection, session or downloaded bytes count to this specific host within 24h.
HOSTCONNECTIONSWEEK(HOSTSESSIONSWEEK(HOSTBYTESWRITTENWEEK(	Host defined into domain aliases list	Replaced with connection, session or downloaded bytes count to this specific host weekly. If host statistics has been reset within one week this is estimation based on the time available.
HOSTCONNECTIONSMONTH(HOSTSESSIONSMONTH(HOSTBYTESWRITTENMONTH(	Host defined into domain aliases list	Replaced with connection, session or downloaded bytes count to this specific host monthly. If host statistics has been reset within one month, this is estimation based on the time available.
ROOTCONNECTIONSDAY(ROOTSESSIONSDAY(ROOTBYTESWRITTENDAY(	Root defined into root aliases list	Replaced with connection, session or downloaded bytes count using this specific root within 24h.
ROOTCONNECTIONSWEEK(ROOTSESSIONSWEEK(ROOTBYTESWRITTENWEEK(	Root defined into root aliases list	Replaced with connection, session or downloaded bytes count using this specific root weekly. If root statistics has been reset within one week this is estimation based on the time available.
ROOTCONNECTIONSMONTH(ROOTSESSIONSMONTH(ROOTBYTESWRITTENMONTH(	Root defined into root aliases list	Replaced with connection, session or downloaded bytes count using this specific root monthly. If root statistics has been reset within one month, this is estimation based on the time available.