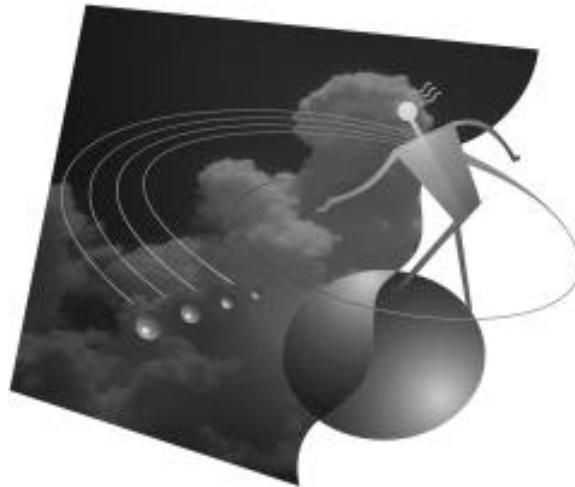


Oracle WebServer™

Release 2.0

Quick Reference



ORACLE®
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Oracle WebServer

Release 2.0 Quick Reference

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This quick reference describes each PL/SQL™ procedure and function in the Oracle WebServer PL/SQL Web Toolkit, and each LiveHTML™ command and tag. Please note that for every HTP procedure that generates HTML tags, there is a corresponding HTF function with identical parameters.

Print Procedures

	<i>Syntax</i>	<i>Parameters</i>		<i>Generates</i>
http.print = http.p	http.print (cbuf dbuf nbuf);	cbuf dbuf nbuf	in varchar2 or in date or in number	Generates a line in an HTML document based on the value passed to it, and appends a newline.
http.prn	http.prn (cbuf dbuf nbuf);	cbuf dbuf nbuf	in varchar2 or in date or in number	Generates a line in an HTML document based on the value passed to it, but it does not append a newline.
http.prints = http.ps	http.prints (ctext);	ctext	in varchar2	Generates a line in an HTML document based on the value passed to it. This procedure is - the same as http.print or http.p but first replaces special characters with escape characters.

Structure Tags

	<i>Syntax</i>	<i>Parameters</i>		<i>Generates</i>
http.htmlOpen	http.htmlOpen;	none		<HTML>
http.htmlClose	http.htmlClose;	none		</HTML>
http.headOpen	http.headOpen;	none		<HEAD>
http.headClose	http.headClose;	none		</HEAD>
http.bodyOpen	http.bodyOpen (cbackground, cattributes);	cbackground cattributes	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<BODY background="cbackground" cattributes>
http.bodyClose	http.bodyClose;	none		</BODY>

Head Related Tags

	<i>Syntax</i>	<i>Parameters</i>		<i>Generates</i>
http.title	http.title (ctitle);	ctitle	in varchar2	<TITLE>ctitle</TITLE>
http.base	http.base (ctarget, cattributes);	ctarget cattributest	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	Inserts absolute pathname of current document.
http.isindex	http.isindex (cprompt, curl);	cprompt curl	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<ISINDEX PROMPT="cprompt" HREF="curl">
http.linkRel	http.linkRel (crel, curl, ctitle);	screl curl ctitle	in varchar2 in varchar2 in varchar2 DEFAULT NULL	<LINK REL="crel" HREF="curl" TITLE="ctitle">
http.linkRev	http.linkRev (crev, curl, ctitle);	crev curl ctitle	in varchar2 in varchar2 in varchar2 DEFAULT NULL	<LINK REV="crev" HREF="curl" TITLE="ctitle">
http.meta	http.meta (chttp_equiv, cname, ccontent);	chttp_equiv cname ccontent	in varchar2 in varchar2 in varchar2	<META HTTP-EQUIV="chttp_equiv" NAME="cname" CONTENT="ccontent">

Body Tags

	<i>Syntax</i>	<i>Parameters</i>		<i>Generates</i>
http.line = http.hr	http.line (cclear, csrc, cattributes);	cclear csrc cattributes	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<HR CLEAR="cclear" SRC="csrc" cattributes>
http.nl = http.br	http.nl (cclear, cattributes);	cclear cattributes	in varchar2 DEFAULT NULL, in varchar2 DEFAULT NULL,	BR CLEAR="cclear" cattributes>

	<i>Syntax</i>	<i>Parameters</i>		<i>Generates</i>
htp.header	htp.header (nsize, cheader, calign, cnowrap, cclear, cattributes);	nsize cheader calign cnowrap cclear cattributes	in integer in varchar2 in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<Hnsize ALIGN="calign" NOWRAP CLEAR="cclear" cattributes> </Hnsize>cheader
htp.anchor	htp.anchor (curl, ctext, cname, cattributes);	curl ctext cname cattributes	in varchar2 in varchar2 in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	ctext
htp.anchor2	htp.anchor (curl, ctext, cname, ctarget, cattributes);	curl ctext cname ctarget cattributes	in varchar2 in varchar2 in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	 ctext
htp.mailto	htp.mailto (caddress, ctext, cname, cattributes);	caddress ctext cname cattributes	in varchar2 in varchar2 in varchar2 in varchar2 DEFAULT NULL	ctext
htp.img	htp.img (curl, calign, calt, cismap, cattributes);	curl calign calt cismap cattributes	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	
htp.img2	htp.img (curl, calign, calt, cismap, cusemap, cattributes);	curl calign calt cismap cusemap cattributes	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	

	<i>Syntax</i>	<i>Parameters</i>		<i>Generates</i>
htp.para	htp.para;	none		<P>
htp.paragraph	htp.paragraph (calign, cnowrap, cclear, cattributes);	calign cnowrap cclear cattributes	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<P ALIGN="calign" NOWRAP CLEAR="cclear" cattributes>
htp.address	htp.address (cvalue, cnowrap, cclear, cattributes);	cvalue cnowrap cclear cattributes	in varchar2 in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<ADDRESS CLEAR="cclear" NOWRAP cattributes>cvalue</ADDRESS>
htp.comment	htp.comment (ctext);	ctext	in varchar2	<!-- ctext -->
htp.preOpen	htp.preOpen (cclear, cwidth, cattributes);	cclear cwidth cattributes	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<PRE CLEAR="cclear" "cwidth" WIDTH=cattributes>
htp.preClose	htp.preClose;	none		</PRE>
htp.blockquoteOpen	htp.blockquoteOpen (cnowrap, cclear, cattributes);	cnowrap cclear cattributes	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL;	<BLOCKQUOTE CLEAR="cclear" NOWRAP cattributes>
htp.blockquoteClose	htp.blockquoteClose;	none		</BLOCKQUOTE>
htp.base	htp.base (ctarget, cattributes);	ctarget cattributes	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	BASE HREF="<current URL>" TARGET="target" cattributes>
htp.area	htp.area (ccoords, cshape, chref, cnohref, ctarget, cattributes);	ccoords cshape chref cnohref ctarget cattributes	in varchar2 in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<AREA COORDS="ccoords" SHAPE ="cshape" HREF="chref" NOHREF TARGET="ctarget" cattributes>
htp.mapOpen	htp.mapOpen (cname, cattributes);	cname cattributes	in varchar2 in varchar2 DEFAULT NULL	<MAP NAME="cname" cattributes>

	<i>Syntax</i>	<i>Parameters</i>		<i>Generates</i>
htp.mapClose	htp.mapClose;	none		</MAP>
htp.bgsound	htp.bgsound (csrc, cloop, cattributes);	csrc cloop cattributes	in varchar2 in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<BGSOUND SRC="csrc" LOOP="cloop" cattributes>
htp.div	htp.div (calign, cattributes);	calign cattributes	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<DIV ALIGN="calign" cattributes>
htp.listingOpen	htp.listingOpen;	none		<LISTING>
htp.listingClose	htp.listingClose;	none		</LISTING>
htp.nobr	htp.nobr (ctext);			<NOBR>ctext</NOBR>
htp.wbr	htp.wbr;	none		<WBR>
htp.center	htp.center (ctext);	ctext	in varchar2	<CENTER>ctext</CENTER>
htp.centerOpen	htp.centerOpen;	none		<CENTER>
htp.centerClose	htp.centerClose;	none		</CENTER>
htp.dfn	htp.dfn (ctext);	ctext	in varchar2	<DFN>ctext</DFN>
htp.big	htp.big (ctext, cattributes);	ctext cattributes	in varchar2 in varchar2 DEFAULT NULL	<BIG cattributes>ctext</BIG>
htp.small	htp.small (ctext, cattributes);	ctext cattributes	in varchar2 in varchar2 DEFAULT NULL	<SMALL cattributes>ctext</SMALL>
htp.sub	htp.sub (ctext, calign, cattributes);	ctext calign cattributes	in varchar2 in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<SUB ALIGN="calign" cattributes >ctext</SUB>
htp.sup	htp.sup (ctext, calign, cattributes);	ctext calign cattributes	in varchar2 in varchar2 in varchar2 DEFAULT NULL	<SUP ALIGN="calign" cattributes >ctext</SUP>
htp.basefont	htp.basefont (nsize);	nsize	in integer	<BASEFONT SIZE="nsize">

	<i>Syntax</i>	<i>Parameters</i>			<i>Generates</i>
http.fontOpen	http.fontOpen (ccolor, cface, csize, cattributes);	ccolor	in varchar2	DEFAULT NULL	
		cface	in varchar2	DEFAULT NULL	
		csize	in varchar2	DEFAULT NULL	
		cattributes	in varchar2	DEFAULT NULL	
http.fontClose	http.fontClose;	none			
http.plaintext	http.plaintext (ctext, cattributes);	ctext	in varchar2		<PLAINTEXT cattributes>ctext</PLAINTEXT>
		cattributes	in varchar2	DEFAULT NULL	
http.s	http.s (ctext, cattributes);	ctext	in varchar2		<S cattributes>ctext</S>
		cattributes	in varchar2	DEFAULT NULL	
http.strike	http.strike (ctext, cattributes);	ctext	in varchar2		<STRIKE cattributes>ctext</STRIKE>
		cattributes	in varchar2	DEFAULT NULL	
http.framesetOpen	http.framesetOpen (crowds, ccols, cattributes);	crowds	in varchar2	DEFAULT NULL	<FRAMESET ROWS="crowds" COLS="ccols" cattributes>
		ccols	in varchar2	DEFAULT NULL	
		cattributes	in varchar2	DEFAULT NULL	
http.framesetClose	http.framesetClose;	none			</FRAMESET>
http.frame	http.frame (csrc, cname, cmarginwidth, cmarginheight, cscrolling, cnoresize, cattributes);	csrc	in varchar2		<FRAME SRC="csrc" NAME="cname" MARGINWIDTH="cmarginwidth" MARGINHEIGHT="cmarginheight" SCROLLING="cscrolling" NORESIZE cattributes>
		cname	in varchar2	DEFAULT NULL	
		cmarginwidth	in varchar2	DEFAULT NULL	
		cmarginheight	in varchar2	DEFAULT NULL	
		cscrolling	in varchar2	DEFAULT NULL	
		cnoresize	in varchar2	DEFAULT NULL	
		cattributes	in varchar2	DEFAULT NULL	
http.noframesOpen	http.noframesOpen;	none			<NOFRAMES>
http.noframesClose	http.noframesClose;	none			</NOFRAMES>

List Tags

	<i>Syntax</i>	<i>Parameters</i>		<i>Generates</i>
htp.listHeader	htp.listHeader (ctext, cattributes);	ctext cattributes	in varchar2 in varchar2 DEFAULT NULL	<LH cattributes>ctext</LH>
htp.listItem	htp.listItem (ctext, cclear, cdingbat, csrc, cattributes);	ctext cclear cdingbat csrc cattributes	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<LI CLEAR="cclear" DINGBAT="cdingbat" SRC="csrc" cattributes>ctext
htp.ulistOpen	htp.ulistOpen (cclear, cwrap, cdingbat, csrc, cattributes);	cclear cwrap cdingbat csrc cattributes	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<UL CLEAR="cclear" WRAP="cwrap" DINGBAT="cdingbat" SRC="csrc" cattributes>
htp.ulistClose	htp.ulistClose;	none		
htp.olistOpen	htp.olistOpen (cclear, cwrap, cattributes);	cclear cwrap cattributes	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<OL CLEAR="cclear" WRAP="cwrap" cattributes>
htp.olistClose	htp.olistClose;	none		
htp.dlistOpen	htp.dlistOpen (cclear, cattributes);	cclear cattributes	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<DL CLEAR="cclear" cattributes>
htp.dlistClose	htp.dlistClose	none		</DL>
htp.dlistDef	htp.dlistDef (ctext, cclear, cattributes);	ctext clear cattributes	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<DD CLEAR="cclear" cattributes>ctext

	<i>Syntax</i>	<i>Parameters</i>		<i>Generates</i>
http.dlistTerm	http.dlistTerm (ctext, cclear, cattributes);	ctext cclear cattributes	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<DT CLEAR="cclear" cattributes >ctext
http.menulistOpen	http.menulistOpen;	none		<MENU>
http.menulistClose	http.menulistClose;	none		</MENU>
http.dirlistOpen	http.dirlistOpen;	none		<DIR>
http.dirlistClose	http.dirlistClose;	none		</DIR>

Character Format Tags

	<i>Syntax</i>	<i>Parameters</i>		<i>Generates</i>
http.cite	http.cite (ctext, cattributes);	ctext cattributes	in varchar2 in varchar2 DEFAULT	<CITE cattributes>ctext</CITE>
http.code	http.code (ctext, cattributes);	ctext cattributes	in varchar2 in varchar2 DEFAULT	<CODE cattributes>ctext</CODE>
http.emphasis = http.em	http.emphasis (ctext, cattributes);	ctext cattributes	in varchar2 in varchar2 DEFAULT NULL	<EM cattributes>ctext
http.keyboard = http.kbd	http.keyboard (ctext, cattributes);	ctext cattributes	in varchar2 in varchar2 DEFAULT NULL	<KBD cattributes>ctext</KBD>
http.sample	http.sample (ctext, cattributes);	ctext cattributes	in varchar2 in varchar2 DEFAULT NULL	<SAMP cattributes>ctext</SAMP>
http.strong	http.strong (ctext, cattributes);	ctext cattributes	in varchar2 in varchar2 DEFAULT NULL	<STRONG cattributes>ctext
http.variable	http.variable (ctext, cattributes);	ctext cattributes	in varchar2 in varchar2 DEFAULT NULL	<VAR cattributes>ctext</VAR>

Physical Format Tags

	<i>Syntax</i>	<i>Parameters</i>		<i>Generates</i>
http.bold	http.bold (ctext, cattributes);	ctext cattributes	in varchar2 in varchar2 DEFAULT NULL	<B cattributes>ctext
http.italic	http.italic (ctext, cattributes);	ctext cattributes	in varchar2 in varchar2 DEFAULT NULL	<I cattributes>ctext</I>
http.teletype	http.teletype (ctext, cattributes);	ctext cattributes	in varchar2 in varchar2 DEFAULT NULL	<TT cattributes>ctext</TT>

Form Tags

	<i>Syntax</i>	<i>Parameters</i>		<i>Generates</i>
http.formOpen	http.formOpen (curl, cmethod, ctarg, cenctype, cattributes);	curl cmethod ctarg cenctype cattributes	in varchar2 in varchar2 DEFAULT 'POST' in varchar2 in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<FORM ACTION="curl" METHOD="cmethod" TARGET="ctarg" ENCTYPE="cenctype" cattributes>
http.formClose	http.formClose;	none		</FORM>
http.formCheckbox	http.formCheckbox (cname, cvalue, cchecked, cattributes);	cname cvalue cchecked cattributes	in varchar2 in varchar2 DEFAULT 'on' in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<INPUT TYPE="checkbox" NAME="cname" VALUE="cvalue" CHECKED cattributes>
http.formHidden	http.formHidden (cname, cvalue, cattributes);	cname cvalue cattributes	in varchar2 in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<INPUT TYPE="hidden" NAME="cname" VALUE="cvalue" cattributes>

	<i>Syntax</i>	<i>Parameters</i>		<i>Generates</i>
http.formImage	http.formImage (cname, csrc, calign, cattributes);	cname csrc calign cattributes	in varchar2 in varchar2 in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL;	<INPUT TYPE="image" NAME="cname" SRC="csrc" ALIGN="calign" cattributes>
http.formPassword	http.formPassword (cname, csize, cmaxlength, cvalue, cattributes);	cname csize cmmaxlength cvalue cattributes	in varchar2 in varchar2 in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<INPUT TYPE="password" NAME="cname" SIZE="csize" MAXLENGTH="cmmaxlength" VALUE="cvalue" cattributes>
http.formRadio	http.formRadio (cname, cvalue, cchecked, cattributes);	cname cvalue cchecked cattributes	in varchar2 in varchar2 in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<INPUT TYPE="radio" NAME="cname" VALUE="cvalue" CHECKED cattributes>
http.formReset	http.formReset (cvalue, cattributes);	cvalue cattributes	in varchar2 DEFAULT 'Reset' in varchar2 DEFAULT NULL	<INPUT TYPE="reset" VALUE="cvalue" cattributes>
http.formSubmit	http.formSubmit (cname, cvalue, cattributes);	cname cvalue cattributes	in varchar2 DEFAULT NULL in varchar2 DEFAULT 'Submit' in varchar2 DEFAULT NULL	<INPUT TYPE="submit" NAME="cname" VALUE="cvalue" cattributes>
http.formText	http.formText (cname, csize, cmaxlength, cvalue, cattributes);	cname csize cmmaxlength cvalue cattributes	in varchar2 in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<INPUT TYPE="text" NAME="cname" SIZE="csize" MAXLENGTH="cmmaxlength" VALUE="cvalue" cattributes>
http.formSelectOpen	http.formSelectOpen (cname, cprompt, nsize, cattributes);	cname cprompt nsize cattributes	in varchar2 in varchar2 DEFAULT NULL in integer DEFAULT NULL in varchar2 DEFAULT NULL	cprompt <SELECT NAME="cname" SIZE="nsize" cattributes>
http.formSelectOption	http.formSelectOption (cvalue, cselected, cattributes);	cvalue cselected cattributes	in varchar2 in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<OPTION SELECTED cattributes> cvalue

	<i>Syntax</i>	<i>Parameters</i>		<i>Generates</i>
http.formSelectClose	http.formSelectClose;	none		</SELECT>
http.formTextarea	http.formTextarea (cname, nrows, ncolumns, calign, cattributes);	cname nrows ncolumns calign cattributes	in varchar2 in integer in integer in varchar2 in varchar2 DEFAULT NULL DEFAULT NULL	<TEXTAREA NAME="cname" ROWS="nrows" COLS="ncolumns" ALIGN="calign" cattributes></TEXTAREA>
http.formTextarea2	http.formTextarea (cname, nrows, ncolumns, calign, cwrap, cattributes);	cname nrows ncolumns calign cwrap cattributes	in varchar2 in integer in integer in varchar2 in varchar2 in varchar2 DEFAULT NULL DEFAULT NULL DEFAULT NULL	<TEXTAREA NAME="cname" ROWS="nrows" COLS="ncolumns" ALIGN="calign" WRAP="cwrap" cattributes></TEXTAREA>
http.formTextareaOpen	http.formTextareaOpen (cname, nrows, ncolumns, calign, cattributes);	cname nrows ncolumns calign cattributes	in varchar2 in integer in integer in varchar2 in varchar2 DEFAULT NULL DEFAULT NULL	<TEXTAREA NAME="cname" ROWS="nrows" COLS="ncolumns" ALIGN="calign" cattributes>
http.formTextareaOpen2	http.formTextareaOpen (cname, nrows, ncolumns, calign, cwrap, cattributes);	cname nrows ncolumns calign cwrap cattributes	in varchar2 in integer in integer in varchar2 in varchar2 in varchar2 DEFAULT NULL DEFAULT NULL DEFAULT NULL	<TEXTAREA NAME="cname" ROWS="nrows" COLS="ncolumns" ALIGN="calign" WRAP = "cwrap" cattributes>
http.formTextareaClose	http.formTextareaClose;	none		</TEXTAREA>

Table Tags

	<i>Syntax</i>	<i>Parameters</i>		<i>Generates</i>
http.tableOpen	http.tableOpen (cborder, calign, cnowrap, cclear, cattributes);	cborder calign cnowrap cclear cattributes	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL;	<TABLE "cborder" NOWRAP ALIGN="calign" CLEAR="cclear" cattributes>
http.tableClose	http.tableClose;	none		</TABLE>
http.tableCaption	http.tableCaption (ccaption, calign, cattributes);	ccaption calign cattributes	in varchar2 in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<CAPTION ALIGN="calign" cattributes>ccaption</CAPTION>
http.tableRowOpen	http.tableRowOpen (calign, cvalign, cdp, cnowrap, cattributes);	calign cvalign cdp cnowrap cattributes	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<TR ALIGN="calign" VALIGN="cvalign" DP="cdp" NOWRAP cattributes>
http.tableRowClose	http.tableRowClose;	none		</TR>
http.tableHeader	http.tableHeader (cvalue, calign, cdp, cnowrap, crowspan, ccolspan, cattributes);	cvalue calign cdp cnowrap crowspan ccolspan cattributes	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<TH ALIGN="calign" DP="cdp" ROWSPAN="crowspan" COLSPAN="ccolspan" NOWRAP cattributes>cvalue</TH>
http.tableData	http.tableData (cvalue, calign, cdp, crowspan, ccolspan, cnowrap, cattributes);	cvalue calign cdp crowspan ccolspan cnowrap cattributes	in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL	<TD ALIGN="calign" DP="cdp" ROWSPAN="crowspan" COLSPAN="ccolspan" NOWRAP cattributes>cvalue</TD>

OWA_UTIL Package

	<i>Syntax</i>	<i>Parameters</i>		<i>Generates</i>
owa_util.signature	owa_util.signature;	none		Prints a signature line in the HTML document that might look like the following: "This page was produced by the Oracle PL/SQL Agent on August 9, 1995 09:30"
owa_util.signature (cname)	owa_util.signature (cname);	cname	in varchar2	Prints a signature line on the bottom of the HTML document that has a link to the actual PL/SQL source for that procedure. The link calls the procedure showsource. The line would look like the following: "This page was produced by the Oracle PL/SQL Agent on 6/14/95 09:30" View PL/SQL Source
owa_util.showsource (cname)	owa_util.showsource (cname);	cname	in varchar2	Generates the source code of the specified PL/SQL procedure.
owa_util.showpage	owa_util.showpage;	none		One can use this procedure to generate static pages in SQL*Plus® that can then be accessed as a standard HTML page.
owa_util.get_cgi_env (function)	owa_util.get_cgi_env (param_name in varchar2);	param_name	in varchar2	Returns value of specified CGI environment variable for PL/SQL procedure. If the value is not set, returns null.
owa_util.print_cgi_env	owa_util.print_cgi_env;	none		Prints CGI environment variables made available by the PL/SQL Agent to the PL/SQL procedures.
owa_util.mime_header	owa_util.mime_header (ccontent_type, bclose_header);	ccontent_type bclose_header	in varchar2 in boolean DEFAULT TRUE	Content-type: <ccontent_type>\n\n
owa_util.redirect_url	owa_util.redirect_url (curl, bclose_header);	curl bclose_header	in varchar2 in boolean DEFAULT TRUE	Location: <curl>\n\n

	<i>Syntax</i>	<i>Parameters</i>		<i>Generates</i>
owa_util.status_line	owa_util.status_line (nstatus, creason, bclose_header);	nstatus creason bclose_header	in integer, in varchar2 DEFAULT NULL in boolean DEFAULT TRUE	Status: <nstatus> <creason>\n\n
owa_util.http_header_close	owa_util.http_header_close;	none		\n
owa_util.get_owa_service_path (Function)	owa_util.get_owa_service_path;	none		The DCD path. The datatype is varchar2.
owa_util.tableprint	owa_util.tablePrint;	ctable cattributes ntable_type ccolumns cclasses ccol_aliases nrow_min nrow_max	in varchar2 in varchar2 DEFAULT NULL in integer DEFAULT HTML_TABLE in varchar2 DEFAULT *** in varchar2 DEFAULT NULL in varchar2 DEFAULT NULL in number DEFAULT 0 in number DEFAULT NULL	Prints out either a preformatted or HTML table. Returns True or False as to whether there are more rows available beyond the nrow_max requested.

OWA_PATTERN Package — Regular Expressions

Wildcard Tokens	^	\$	\n	.	\t	\d	\D	\w	\W	\s	\S	\b	\x<HEX>	\<OCT>	\	&
Quantifiers	?	*	+	{n}	{n,}	{n,m}										
Flags	i	g														

OWA_PATTERN Package — Datatypes

owa_pattern.pattern A PL/SQL table of 4 byte VARCHAR2 strings, indexed by BINARY INTEGER.

OWA_PATTERN Package — Procedures and Functions

	<i>Syntax</i>	<i>Parameters</i>			<i>Generates</i>
owa_pattern.match (version 1)	owa_pattern.match (line, pat, flags)	line	in	varchar2	Boolean indicating whether match was found
		pat	in	varchar2	
		flags	in	varchar2 DEFAULT NULL	
owa_pattern.match (version 2)	owa_pattern.match (line, pat, flags)	line	in	varchar2	Boolean indicating whether match was found.
		pat	in out	pattern	
		flags	in	varchar2 DEFAULT NULL	
owa_pattern.match (version 3)	owa_pattern.match (line, pat, backrefs, flags)	line	in	varchar2	Boolean indicating whether match was found.
		pat	in	varchar2	
		backrefs	out	owa_text.vc_arr	
		flags	in	varchar2 DEFAULT NULL	
owa_pattern.match (version 4)	owa_pattern.match (line, pat, backrefs, flags)	line	in	varchar2	Boolean indicating whether match was found.
		pat	in out	pattern	
		backrefs	out	owa_text.vc_arr	
		flags	in	varchar2 DEFAULT NULL	
owa_pattern.match (version 5)	owa_pattern.match (mline, pat, rlist, flags)	mline	in	owa_text.multi_line	Boolean indicating whether match was found.
		pat	in	varchar2	
		rlist	out	owa_text.row_list	
		flags	in	varchar2 DEFAULT NULL	
owa_pattern.match (version 6)	owa_pattern.match (mline, pat, rlist, flags)	mline	in	owa_text.multi_line	Boolean indicating whether match was found.
		pat	in out	pattern	
		rlist	out	owa_text.row_list	
		flags	in	varchar2 DEFAULT NULL	
owa_pattern.amatch (version 1)	owa_pattern.match (line, from_loc, pat, flags)	line	in	varchar2	Location (in number of characters from the beginning) of the end of the match. 0 if no match.
		from_loc		integer	
		pat	in	varchar2	
		flags	in	varchar2 DEFAULT NULL	

	<i>Syntax</i>	<i>Parameters</i>				<i>Generates</i>
owa_pattern.amatch (version 2)	owa_pattern.match (line, from_loc, pat, flags)	line	in	varchar2		Location (in number of characters from the beginning) of the end of the match. 0 if no match.
		from_loc		integer		
		pat	in out	pattern		
		flags	in	varchar2 DEFAULT NULL		
owa_pattern.amatch (version 3)	owa_pattern.match (line, from_loc, pat, backrefs, flags)	line	in	varchar2		Location (in number of characters from the beginning) of the end of the match. 0 if no match.
		from_loc		integer		
		pat	in	varchar2		
		backrefs	out	owa_text.vc_arr		
		flags	in	varchar2 DEFAULT NULL		
owa_pattern.amatch (version 4)	owa_pattern.match (line, from_loc, pat, backrefs, flags)	line	in	varchar2		Location (in number of characters from the beginning) of the end of the match. 0 if no match.
		from_loc		integer		
		pat	in out	pattern		
		backrefs	out	owa_text.vc_arr		
		flags	in	varchar2 DEFAULT NULL		
owa_pattern.change (version 1)	owa_pattern.match (line, from_str, to_str, flags)	line	in out	varchar2		Revises line parameter. Function outputs number of substitutions made.
		from_str	in	varchar2		
		to_str	in	varchar2		
		flags	in	varchar2 DEFAULT NULL		
owa_pattern.change (version 2)	owa_pattern.match (line, from_str, to_str, flags)	line	in out	varchar2		Revises line parameter.
		from_str	in	varchar2		
		to_srt	in	varchar2		
		flags	in	varchar2 DEFAULT NULL		
owa_pattern.change (version 3)	owa_pattern.match (mline, from_str, to_str, backrefs, flags)	mline	in out	multi_line		Revises mline parameter. Function outputs number of substitutions made.
		from_str	in	varchar2		
		to_srt	in	varchar2		
		flags	in	varchar2 DEFAULT NULL		
owa_pattern.change (version 4)	owa_pattern.match (mline, from_str, to_str, flags)	mline	in out	multi_line		Revises mline parameter.
		from_str	in	varchar2		
		to_srt	in	varchar2		
		flags	in	varchar2 DEFAULT NULL		
owa_pattern.getpat	owa_pattern.getpat (arg, pat)	arg	in	varchar2		Pattern.
		pat	in out	pattern		

OWA_TEXT — Datatypes

owa_text.vc_array	A PL/SQL table of 32K VARCHAR2 strings, indexed by BINARY INTEGER. This is a component of owa_text.multi_line.
owa_text.multi_line	A record with the following three fields: <ul style="list-style-type: none"> • rows • num_rows • partial_row
owa_text.int_array	A PL/SQL table of INTEGER indexed by BINARY INTEGER. This is a component of owa_text.row_list.
owa_text.row_list	A record with the following fields: <ul style="list-style-type: none"> • rows • num_rows

OWA_TEXT — Procedures and Functions

	<i>Syntax</i>	<i>Parameters</i>			<i>Generates</i>
owa_text.stream2multi	owa_text.stream2multi (stream, mline)	sstream mline	in out	varchar2 multi_line	multi_line
owa_text.add2multi	owa_text.add2multi (stream, mline, continue)	stream mline continue	in out in	varchar2 multi_line boolean DEFAULT TRUE	
owa_text.new_row_list	owa_text.new_row_list (rlist)	rlist	in	row_list	Actual output generated by http.print.
owa_text.print_multi	owa_text.print_multi (mline)	mline	in	multi_line	Actual output generated by http.print.
owa_text.print_row_list	owa_text.print_row_list (rlist)	rlist	in	row_list	Actual output generated by http.print.

OWA_IMAGE — Datatypes

point Used to obtain the x, y coordinates of the user's click on an image.

OWA_IMAGE — Package Variable

null_point Used to "DEFAULT" any point parameters. x & y are both NULL.

OWA_IMAGE — Procedures and Functions

	<i>Syntax</i>	<i>Parameters</i>	<i>Generates</i>
owa_image.get_x	owa_image.get_x(p)	p in point	X coordinate as integer.
owa_image.get_y	owa_image.get_y(p)	p in point	Y coordinate as integer.

OWA_INIT — Constants

dbms_server_timezone	constant varchar2(3)	:= 'PST'
dbms_server_gmtdiff	constant number	:= NULL

OWA_COOKIE — Datatypes

cookie This is a RECORD datatype that holds all values associated with the a given cookie name. The fields are as follows:

- name varchar2(4K)
- vals vc_arr
- num_vals integer

OWA_COOKIE — Procedures and Functions

	<i>Syntax</i>	<i>Parameters</i>			<i>Generates</i>
owa_cookie.send	owa_cookie.send (name, value, expires, path, domain, secure)	name	in	varchar2	The following HTTP header: Set-Cookie: <name>=<value> expires=<expires> path=<path> domain=<domain> secure Any defaulted options are omitted.
		value	in	varchar2	
		expires	in	date DEFAULT NULL	
		path	in	varchar2 DEFAULT NULL	
		domain	in	varchar2 DEFAULT NULL	
		secure	in	varchar2 DEFAULT NULL	
owa_cookie.get	owa_cookie.get (name)	name	in	varchar2	A cookie
owa_cookie.get_all	owa_cookie.get_all (names, vals, num_vals)	names	out	vc_arr	Arrays of the names and of the values in the order received, and the count of the combinations.
		arrvals	out	vc_arr	
		arrnum_vals	out	integer	
owa_cookie.remove	owa_cookie.remove (name, value, path)	name	in	varchar2	The following HTTP header: Set-Cookie: <name>=<value> expires=01-JAN-1990 path=<path>
		value	in	varchar2	
		path	in	varchar2 DEFAULT NULL	

LiveHTML

LiveHTML code format: `<!--#command tag1="value1" tag2="value2" -->`

Command	Tag	Possible Values
config	errmsg timefmt sizefmt cmdecho cmdprefix cmdpostfix	
include	virtual file	
echo	var	DOCUMENT_NAME DOCUMENT_URL QUERY_STRING_UNESCAPED DATE_LOCAL DATE_GMT LAST_MODIFIED
fsize	virtual file	
flastmod	virtual file	
exec	cmd cgi	



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