

HCCEmail

A Custom API for Cpanel

Version 0.2.1 beta

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© 2003, 2005 Juan R. Pozo

<http://html.conclase.net/cp/scripts/>

<mailto:jrpozo@conclase.net>

Mailing list: http://www.conclase.net/mailman/listinfo/cpanel_conclase.net

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<http://html.conclase.net/cp/scripts/license.html>

Installation

- 1) Check if the file `HCCEmail.pm` exists in your server inside the `/usr/local/cpanel/Cpanel/` directory
- 2) If it exists and isn't a previous version of this API please contact me. Otherwise, follow steps 3 to 9
- 3) switch to root user
- 4) `# cd /usr/local/cpanel/Cpanel/`
- 5) `# wget -N http://html.conclase.net/cp/scripts/HCCEmail.pm`
- 6) `# chown root.root HCCEmail.pm`
- 7) `# chmod 0644 HCCEmail.pm`
- 8) Add the following language variables to your language files:

```
// HCCEmail (English)

HCCEmail_Address=Address
HCCEmail_Account=Account
HCCEmail_Delete=Delete
HCCEmail_Domain=Domain
HCCEmail_EditPassword=Edit Password
HCCEmail_EditQuota=Edit Quota
HCCEmail_Login=Login
HCCEmail_Next=Next
HCCEmail_Outlook=Outlook Autoconfig
HCCEmail_OutlookAlert1Pre=This will automatically install the proper
mail setting for the
HCCEmail_OutlookAlert1Mid=account into Microsoft (R) Outlook
(Express)[tm]. Please close all running copies of Microsoft (R)
Outlook (Express)[tm] before going forward! When finished start
Microsoft (R) Outlook (Express)[tm] and it should have the
HCCEmail_OutlookAlert1Post=account configured for you.
HCCEmail_OutlookAlert2=If prompted to open or save this file choose
"Open this file from its current location."
HCCEmail_OutlookAlert3=When asked if you would like to enter the
information into the Registry choose "Yes".
HCCEmail_Previous=Previous
HCCEmail_Quota=Quota
HCCEmail_Webmail=Read Webmail
HCCEmail_AddingAccount=Adding account
HCCEmail_WrongAddressFormat=Wrong Address Format
HCCEmail_MissingPassword=Missing Password
HCCEmail_Aging=Aging
```

// HCCEmail (Spanish)

HCCEmail_Address=Dirección
HCCEmail_Account=Cuenta
HCCEmail_Delete=Borrar
HCCEmail_Domain=Dominio
HCCEmail_EditPassword=Editar Contraseña
HCCEmail_EditQuota=Editar Cuota
HCCEmail_Login=Usuario
HCCEmail_Next=Siguiente
HCCEmail_Outlook=Autoconf Outlook
HCCEmail_OutlookAlert1Pre=A continuación se instalará la configuración de correo adecuada para la cuenta
HCCEmail_OutlookAlert1Mid=en Microsoft (R) Outlook (Express)[tm].
Antes de continuar cierre todas las copias que se estén ejecutando de Microsoft (R) Outlook (Express)[tm]. Al final del proceso, la cuenta
HCCEmail_OutlookAlert1Post=debería estar correctamente configurada.
HCCEmail_OutlookAlert2=Si el navegador le pregunta si desea abrir o guardar este fichero, elija "Abrir este fichero desde su localización actual".
HCCEmail_OutlookAlert3=Cuando el sistema le pregunte si desea introducir la información en el Registro elija "Sí".
HCCEmail_Previous=Anterior
HCCEmail_Quota=Cuota
HCCEmail_Webmail=Leer Correo Web
HCCEmail_AddingAccount=Añadiendo cuenta
HCCEmail_WrongAddressFormat=Formato de dirección incorrecto
HCCEmail_MissingPassword=Falta la contraseña
HCCEmail_Aging=Caducidad

// HCCEmail (Brazilian Portuguese)

HCCEmail_Address=Endereço
HCCEmail_Account=Nome da Conta
HCCEmail_Delete=Remover
HCCEmail_Domain=Domínio
HCCEmail_EditPassword=Editar Senha
HCCEmail_EditQuota=Editar Cota
HCCEmail_Login=Usuário
HCCEmail_Next=Próximo
HCCEmail_Outlook=Config Outlook
HCCEmail_OutlookAlert1Pre=Você selecionou a instalação automática da conta
HCCEmail_OutlookAlert1Mid=no Microsoft (R) Outlook (Express)[tm].
Antes de continuar feche o Outlook (Express)[tm]. Ao final do processo, a conta
HCCEmail_OutlookAlert1Post=deverá estar corretamente configurada para você.
HCCEmail_OutlookAlert2=Na próxima tela de alerta, escolha a opção "Executar Arquivo".
HCCEmail_OutlookAlert3=Quando o sistema lhe perguntar se deseja inserir as informações no registro, responda "Sim".
HCCEmail_Previous=Anterior
HCCEmail_Quota=Cota
HCCEmail_Webmail=Webmail
HCCEmail_AddingAccount=Incluindo contato
HCCEmail_WrongAddressFormat=Formato de endereço incorreto
HCCEmail_MissingPassword=Falta a senha
HCCEmail_Aging=Expurgo

API Reference

```
<cpanel HCCEmail="ListPopAccounts($FORM{'first'}, length,
$FORM{'order'}, format, domains, navpos, userchar, addmain, port,
sslport, delpoppg, edquotapg, edpasswdpg, imagedir, delpopimg,
webmailimg, edquotaimg, edpasswdimg, outlookimg, arrowimg, agingpg,
agingimg)">
```

Displays a table containing *length* email accounts, starting from `$FORM{'first'}` (first account being account number 0). If *length* is 0 or empty, all accounts are listed.

If all accounts cannot be listed in the available space, another navigation bar, with "Previous" and "Next" links, is also displayed (the language messages `HCCEmail_Next` and `HCCEmail_Previous` must exist in the corresponding language file). The position of the navigation bar depends on the value of the *navpos* parameter: `top`, `bottom` or `both`. Any other value is taken as `bottom`.

The *format* parameter specifies the information that will be displayed about each account. This is a string of space separated values. Allowed values are:

- *account*: the local name of the account (the part on the left hand side of the @ sign); in the header row it outputs the language string `HCCEmail_Account`;
- *address*: the whole email address; in the header row it outputs the language string `HCCEmail_Address`;
- *login*: the POP3/IMAP username. This is composed of: the local name of the account, plus the *userchar* character, plus the domain name. The default value for the *userchar* parameter is '+'. Other valid values are '@' and '%'; in the header row it outputs the language string `HCCEmail_Login`;
- *domain*: the domain name of the account; in the header row it outputs the language string `HCCEmail_Domain`;
- *arrow*: the string "=>";
- *arrowimg*: typically an arrow image. The actual image can be specified with the *imagedir* and the *arrowimg* parameters (see below);
- *quota*: the space used by the account's inbox, and its quota if it's set, separated by a slash character; in the header row it outputs the language string `HCCEmail_Quota`;
- *delete*: a link to the page containing a form to delete the account. The actual link can be defined with the *delpoppg* parameter (see below);
- *deleteimg*: an image link to the page containing a form to delete the account. The actual image file and target page can be defined with the *delpopimg* and *delpoppg* parameters respectively (see below);
- *webmail*: a link to Cpanel's webmail page for this account. By default, port 2095 is used for non-SSL connections and port 2096 is used for SSL connections. These values can be overridden by using the *port* and *sslport* parameters;

- `webmailimg`: an image link to Cpanel's webmail page for this account. The actual image file can be defined with the `webmailimg` parameter (see below);
- `edquota`: a link to the page containing a form to edit the account's quota. The actual link can be defined with the `edquotapg` parameter (see below);
- `edquotaimg`: an image link to the page containing a form to edit the account's quota. The actual image file and target page can be defined with the `edquotaimg` and `edquotapg` parameters respectively (see below);
- `edpasswd`: a link to the page containing a form to edit the account's password. The actual link can be defined with the `edpasswdpg` parameter (see below);
- `edpasswdimg`: an image link to the page containing a form to edit the account's password. The actual image file and target page can be defined with the `edpasswdimg` and `edpasswdpg` parameters respectively (see below);
- `aging`: a link to the page containing a form to edit the account's mail aging value. The actual link can be defined with the `agingpg` parameter (see below);
- `agingimg`: an image link to the page containing a form to edit the account's mail aging value. The actual image file and target page can be defined with the `agingimg` and `agingpg` parameters respectively (see below);
- `outlook`: a javascript generated link to execute the javascript function which uploads the registry configuration to the user's computer and automatically configures the account in MS Outlook Express. This functionality will only be included if not disabled from WHM. Specifying `outlook` in a `format` string where this functionality is disabled will result in an empty cell.
- `{verbatim}`: includes verbatim text, i.e., text enclosed in curly braces will be copied to the output as it appears in the `format` string.
- `#`: Account number in the current order scheme.
- Any other value will result in a ` ` character.

Options can be specified in any order, and any number of options can be specified.

The `addmain` parameter specifies where the main account should be placed. Valid values are:

- `no`: not to include the main account at all;
- `once`: to include it as the first account (i.e., it will appear in the first page only, regardless of the order scheme specified).

The `delpoppg`, `edquotapg`, `edpasswdpg`, `agingpg` parameters specify the relative paths to the pages containing forms to delete the account, edit the account's quota, edit the account's password and edit the account's password aging value respectively.

The *images* parameter specifies the directory under which the images specified in the *img* parameters are stored. The value is a path relative to the theme's index directory, i.e., if the theme's name is `themename`, and *images* is `img`, the absolute URL path will be `/frontend/themename/img/`. The default value is `images`.

The *delpopimg*, *webmailimg*, *edquotaimg*, *edpasswdimg*, *agingimg*, *outlookimg*, *arrowimg* parameters specify the filenames of the images that will be used if requested in the *format* string. The images are expected to be stored in a subdirectory of the images directory specified via the *images* parameter (see above) with the same name as the user's language (the `LANG` value in the user's data file). In the example above, these would be `/themename/img/english/`, `/themename/img/deutsch/`, etc. Default values are `delete.gif`, `webmail.gif`, `quota.gif`, `passwd.gif`, `aging.gif`, `outlook.gif` and `arrowr.gif` respectively.

Note: it seems that Cpanel doesn't recognise non ASCII characters as valid URL characters. Therefore, images stored under `español` will not be found. To prevent this, each character of the language name which that does not belong to the US ASCII set (i.e., whose ASCII code is greater than 127) is converted to a hyphen character. Thus, the images for language `español` should be stored in the `espa-ol` subdirectory, images for users of `français` should go into `fran-ais`, etc.

The *domains* parameter is a space separated list of domains (which can include main domain, parked domains, addon domains, and their subdomains) which must be listed. The default value `all` means all domains.

The default order in which accounts are printed out is `domain` order, i.e., domains listed in alphabetical order, and accounts of each domain listed in alphabetical order. If the order parameter is left as `$_FORM{'domain'}`, the user can change the order by clicking on the header cells, according to the following:

- If a `domain` column is inserted, the header cell allows to change between `domain` order (as described above) and `revdomain` order (domains listed in descending alphabetical order and accounts of each domain listed in descending alphabetical order).
- If an `address`, `login` or `account` column is inserted, the header cell allows to change between `addr` order (accounts listed alphabetically) and `revaddr` order (inverse order).
- If a `quota` column is inserted, the header cell allows to change between `quota` order (accounts listed in descending order by space used) and `revquota` order (same, in ascending order).

For CSS formatting purposes, the following `class` attributes are set:

- The pop table has `class="hcc-email-poptable"`.
- The navigation table has `class="hcc-email-popnavigation"`.
- The cells of the first column of each table have `class="hcc-first"`.
- The cells of the last column of each table have `class="hcc-last"`.

- All other cells have `class="hcc-col-X"` where `X` is the column number, i.e., a table with four columns would have cells of classes `hcc-first`, `hcc-col-2`, `hcc-col-3` and `hcc-last`.
- Even rows of the pop table have `class="hcc-even"`.
- Odd rows of the pop table (except for the headers row) have `class="hcc-odd"`.

A full example follows.

```

<!-- Example of HCCEmail use -->
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01//EN"
        "http://www.w3.org/TR/html4/strict.dtd">
<head>
<title>Email Accounts</title>
<style type="text/css"><!--
table {
    width : 100%;
    border-collapse : collapse;
    margin : 0.5em 0;
}

td, th {
    border          : 1px solid #000;
    border-width   : 1px 0 ;
    font-size      : 75% ;
    font-family    : Arial, sans-serif
}

th                { color : #fff ; background      : #666      }
th a              { color : #fff ; text-decoration : none      }
th a:hover        { color : #ff3 ; text-decoration : underline }

.hcc-odd          { background : #e8e8e8; color : #000 }
.hcc-even         { background : #f8f8f8; color : #000 }

.hcc-email-poptable .hcc-first { border-left-width : 1px }

.hcc-email-poptable td.hcc-first {
    border-width : 1px;
    background  : #fff;
    color       : #000;
    font-size   : 60%;
    text-align  : center
}

.hcc-email-poptable .hcc-last { border-right-width : 1px }

.hcc-col-2 { text-align : right }
.hcc-col-4 { text-align : left }
td.hcc-col-7 { text-align : center ; font-size : 60% }

.hcc-email-popnavigation td { width : 50% }
.hcc-email-popnavigation .hcc-first {
    text-align : left;
    border-left-width : 1px
}
.hcc-email-popnavigation .hcc-last {
    text-align : right;
    border-right-width : 1px
}
// --></style>
</head>

<body>
<cpanel HCCEmail="ListPopAccounts($FORM{'first'},10,$FORM{'order'},'#
account {@} domain arrow login quota delete webmail edquota edpasswd',
all, both)">
</body>
</html>

```

<cpanel HCCEmail="AddAccounts(\$FORM{'csvlist'})">

Adds several accounts at once. The `$FORM{'csvlist'}` is a list of comma separated value lines. Each line of the list must have the following format:

```
account@domain, password
```

or

```
account@domain, password, quota
```

Changelog

0.2.1 Beta – May 11, 2005

Fixed lang function to account for Cpanel's cachelang mechanism.

Added aging column.

Improved inbox size calculation.

Fixed webmail login URL.

Added Brazilian Portuguese language file by Wilton Bennet.

0.2 Beta – January 30, 2004

Add AddAccounts API call.

0.1.1 Beta – September 23, 2003

Follow same convention for key values in language files than in the other HCC Api modules, i.e., `HCCEmail_Domain` instead of `HCCEmailDomain`, etc.

0.1 Beta – June 19, 2003

First public release.

Please consider making a donation today. Visit my amazon.com wishlist at:

<http://html.conclase.net/link/wishlist>

Thank you :)