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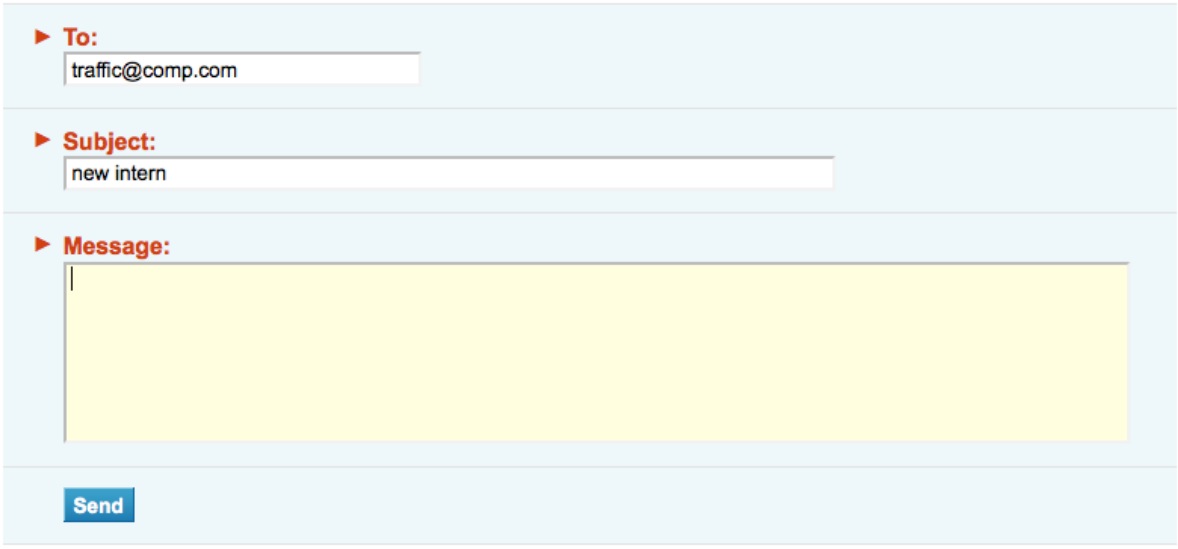
Send Email Plugin

Allows to send e-mails through an e-mail form.



Usage

1. Create a form on the page that invokes the `sendemail` script
2. Add a "to" field and a submit button
3. Make sure to fill in allowed 'to' addresses in setting `{Permissions}{Allow}{MailTo}` in configure

Show code Hide code

```
<form enctype="application/x-www-form-urlencoded" name="mailform" action="%SCRIPTURL{sendemail}%
```

Usage details

Sending emails through a form may contain these elements:

1. An HTML form
2. Allow/restrict settings in configure
3. Optionally a feedback message macro `SENDEMAIL`
4. Optionally a custom email template

HTML form elements

The HTML form encapsulates the data to be sent, each part passed as a form field, either an input field or hidden field.

```
<form enctype="application/x-www-form-urlencoded" name="mailform" action="%SCRIPTURL{sende
```

```
... fields ...
<input type="submit" class="foswikiSubmit" value="Send" />
</form>
```

Note, that the `from`, `to` and `cc` parameters can be either an email address or a wiki user name, in which case the email address of that wiki user is used instead.

Element	Required	Description	Example
`name,method`	Required	A form must have a name; send method is POST.	
`action`	Required	Must call `sendemail` script	`action="%SCRIPTURL{sendemail}%/%WEB%/%TOPIC%"`
`to` field	Required	Text input field or hidden field	`<input class="foswikiInputField" name="to" size="30" type="text" />`
`from` field	Optional	Text input field or hidden field. May be used to specify a different sender, otherwise defaults to the mail address of the current user.	`<input class="foswikiInputField" name="from" size="30" type="text" />`
`cc` field	Optional	Text input field or hidden field	`<input class="foswikiInputField" name="cc" size="30" type="text" />`
`subject` field	Optional	Text input field or hidden field	`<input class="foswikiInputField" name="subject" size="30" type="text" />`
`body` field	Optional	Textarea or hidden field	`<textarea class="foswikiInputField" cols="70" name="body" rows="6" style="width:100%"></textarea>`
`mailtemplate` field	Optional	(Presumably) hidden field. See Email template	`<input type="hidden" name="mailtemplate" value="Main.MailTemplate" />`
`redirectto` field	Optional	(Presumably) hidden field. If passed, after a sent success or error, the page gets redirected to this url.	`<input type="hidden" name="redirectto" value="%SCRIPTURL{view}%/%WEB%/MailFeedback" />`
`successsection` field	Optional	(Presumably) hidden field. Will display a named section (that you define using `STARTSECTION` and `ENDSECTION` after a successful sent.	`<input type="hidden" name="successsection" value="feedbackYes" />`

Element	Required	Description	Example
`errorsection` field	Optional	(Presumably) hidden field. Will display a named section (that you define using `STARTSECTION` and `ENDSECTION` after an unsuccessful sent.	`<input type="hidden" name="errorsection" value="feedbackNo" />`

Allow/restrict settings

To prevent this plugin to be used as open email relay, by default sending emails is prohibited. To send out mails, first set the mail addresses you want to allow to send to in configure. Each can be a list of comma separated regular expressions that emails are checked against before allowing the mail to be sent.

- `{Plugins}{SendEmailPlugin}{Permissions}{Allow}{MailTo}` - enter `.*` to allow to send to anyone
- `{Plugins}{SendEmailPlugin}{Permissions}{Deny}{MailTo}`

Other preferences can be set depending on your needs:

- `{Plugins}{SendEmailPlugin}{Permissions}{Allow}{MailFrom}`
- `{Plugins}{SendEmailPlugin}{Permissions}{Deny}{MailFrom}`
- `{Plugins}{SendEmailPlugin}{Permissions}{Allow}{MailCc}`
- `{Plugins}{SendEmailPlugin}{Permissions}{Deny}{MailCc}`

Each `Deny` is evaluated after each `Allow`, so Deny settings overrule Allow settings.

Examples of allow/restrict settings

- Allow to send to:
  - Set `{SendEmailPlugin}{Permissions}{Allow}{MailTo}` to:
    - `john@tar.com` to only allow to send mails to John
    - `john@tar.com|mary@look.ca` to allow to send mails to John and Mary
    - `.*@tar.com` to send mails to any address at @tar.com
    - `.*@tar.com,mary@.*` to send mails to any address at @tar.com and to all Marys in the world
- Deny to send to:
  - Set `{SendEmailPlugin}{Permissions}{Deny}{MailTo}` to:
    - `.*@tar.com` to deny to any address at @tar.com
    - `.*` to deny any address (no emails will be sent)

The same rules apply for `{MailFrom}` and `{MailCc}`.

Feedback notifications

Use the macro `SENDEMAIL` to write a feedback message on the page, on the position of the macro.

Simply:

```
%SENDEMAIL%
```

will write a feedback message (if any), using the default message strings set in configure.

The message can be tailored using SENDEMAIL parameters:

Parameter	Description	Example
`feedbackSuccess`	Message string in case of successful send.	`feedbackSuccess="Request sent, we'll contact you shortly."`
`feedbackError`	Message string in case of unsuccessful send.	`feedbackError="Could not send your message, please contact us."`
`format`	A format string. Use `$message` as placeholder for the actual feedback message.	`format="<div class=\"foswikiNotification\">$message</div>"`

Feedback notification example

```
%SENDEMAIL{
feedbackSuccess="Request sent, we'll contact you shortly."
feedbackError="Could not send your message, please contact us."
format="<div class=\"foswikiNotification\">$message</div>"
}%
```

Email template

To customize the email, including its header, create a new template topic and pass the topic name in a `mailtemplate` form field. The default template is SendEmailPluginTemplate:

```
From: %FROM%
To: %TO%
CC: %CC%
Subject: %SUBJECT%

%BODY%
```

The tags `%FROM%`, `%TO%`, `%CC%`, `%SUBJECT%` and `%BODY%` are replaced with the respective form values when the email is created.

For a template topic named `MailTemplate` you can either pass the name `Mail` or `MailTemplate`.

The search path for templates always starts in the current web.

Examples

Example with a handcrafted HTML form

Show code Hide code

```
<form enctype="application/x-www-form-urlencoded" name="mailform" action="%SCRIPTURL{sende
<input type="hidden" name="successsection" value="thanks" />
<fieldset>
<legend><b>Send Email</b></legend>
<div class="foswikiFormSteps">
<div class="foswikiFormStep">
<h3>To:</h3>
<input class="foswikiInputField" id="to" name="to" size="30" type="text" value="%URLPARAM{
</div>
<div class="foswikiFormStep">
<h3>CC:</h3>
<input type="text" class="foswikiInputField" id="cc" name="cc" size="30"  value="%URLPARAM
</div>
<div class="foswikiFormStep">
<h3>Subject:</h3>
<input type="text" class="foswikiInputField" id="subject" name="subject" size="70" value="
</div>
<div class="foswikiFormStep">
<h3>Message:</h3>
<textarea class="foswikiInputField" cols="70" name="body" rows="6" style="width:100%">%URL
</div>
<div class="foswikiFormStep">
<input type="submit" class="foswikiSubmit" value="Send" />
</div>
</div>
</fieldset>
</form>
%SENDEMAIL%
<!--
%STARTSECTION{"thanks"}%
---+!! Notification
%SENDEMAIL%
<input type="button" value="Ok" class="foswikiButton" onclick="window.location.href='%URLP
%ENDSECTION{"thanks"}%

-->
```

Example with FormPlugin

This form asks for user information and validates that the password confirmation matches the password.

Show code Hide code

```
%STARTFORM{ name="mailForm" action="%SCRIPTURL{sendemail}%/%WEB%/%TOPIC%" method="POST" onSubmit
 if(inForm.Password.value != inForm.Confirm.value) {
    alert('Your passwords do not match. Please try again.');       return false;    }
 return true; } //]]> </script>
```

%STARTFORM{ name="mailForm"
action="https://wiki.iac.ethz.ch/bin/sendemail/System/SendEmailPlugin" method="POST" onSubmit="return checkPasswords(this)" }% %ENDFORM%

//

FAQ

How do I send data form fields?

If you have a data form with the fields `Title` and `Summary` and want to post the values of these fields in the body of the e-mail, eiter:

- put them in a hidden field:

```
<input type="hidden" name="body" value="Title: %FORMFIELD{"Title"}%, Summary: %FORME
```

- preserve linebreaks by putting them in a textarea:

```
<textarea name="body" class="foswikiHidden" cols="80" rows="6">
Title: %FORMFIELD{"Title"}%
Summary: %FORMFIELD{"Summary"}%
</textarea>
```

Plugin test

- SendEmailPlugin is enabled.

Plugin Settings

- Plugin settings are set in configure.
- Note: by default any emailing is prohibited. Change the settings in configure to set to which addresses you allow mails to be sent from and to.

CSS classes

HTML elements with these style names are written to the default feedback.

Class name	Note
`sendEmailPluginNotification`	Used for feedback after sending a mail
`sendEmailPluginError`	Styles `sendEmailPluginNotification` in case of an error

Plugin Installation Instructions

You do not need to install anything in the browser to use this extension. The following instructions are for the administrator who installs the extension on the server.

Open configure, and open the "Extensions" section. Use "Find More Extensions" to get a list of available extensions. Select "Install".

If you have any problems, or if the extension isn't available in `configure`, then you can still install manually from the command-line. See http://foswiki.org/Support/ManuallyInstallingExtensions for more help.

Plugin Info

Plugin Author:	Foswiki:Main.ArthurClemens
Copyright:	© 2007-2010 Arthur Clemens; 2008 Michael Daum
License:	GPL (GNU General Public License)
Version:	6581 (2010-02-28)
Release:	1.5.1
Change History:	
28 Feb 2010	1.5.1 Added forgotten `Config.spec` file.
08 Jan 2010	1.5 Arthur Clemens: Improved error feedback; added `format` parameter; moved the mail template to a topic; changed param `template` to `mailtemplate`.
03 Jan 2010	1.4.2 Arthur Clemens: Added configure settings to download.
29 Mar 2009	1.4.1 Arthur Clemens: Removed default restrictions in `Deny` settings so that only the `Allow` setting needs to be set to send emails.
21 Mar 2009	1.4 Arthur Clemens: Moved topic and hardcoded settings to configure.
12 Mar 2009	1.3 Foswiki version.
06 Nov 2008	1.2.3 Michael Daum: Fixed CC emails; fixed css in docu
17 Oct 2008	1.2.1 Michael Daum: Added support for TWiki-5; fixed sending emails to login names
26 Jun 2008	1.2.0 Michael Daum: Added ALLOW/DENY preference settings to prevent this plugin from being used as an open spam relay; added `template` option allowing more control over email header etc; fixed mod_perl/perperl coding errors; sender address is the current user, it will default to the wikimaster's only as a last resort; allow user names in addition to plain email addresses in From, To and Cc; allow multiple users in To and Cc; added a `redirectto`, `successsection` and `errorsection` options to land on a different feedback page; reorganized code for lazy compilation
16 may 2007	1.1.3 Arthur Clemens: Fixed bug in bin script that caused form query data to get emptied.
15 may 2007	1.1.2 Arthur Clemens: Improved error notifications.
13 May 2007	1.1.1 Arthur Clemens: Changed sendmail script invocation to be called through bin script `sendemail`; added CSS styles for feedback notification; fixed typo 'feedbackSucces'.
05 May 2007	1.0 First release.
Foswiki Dependency:	None
CPAN Dependencies:	none
Other Dependencies:	none

Perl Version:	5.005
Plugin Home:	http://foswiki.org/Extensions/SendEmailPlugin
Support:	http://foswiki.org/Support/SendEmailPlugin
Development:	http://foswiki.org/Development/SendEmailPlugin

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Topic revision: r2 - 08 Jan 2010 - 23:54:57 - ProjectContributor

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