EXT: Front End User Registration

Extension Key: **sr_feuser_register**

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The content of this document is related to TYPO3

- a GNU/GPL CMS/Framework available from www.typo3.com

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Introduction

The Front End User Registration plugin is a Frontend user self-registration variant of Kasper Skårhøj's Front End User Admin extension. The Front End User Registration extension features include:

What does it do?

- Use of standard TYPO3 facilities and tools: localization, alternate languages, character sets other than ISO 8859-1, TypoLink URLs, constant editor, default CSS in TypoScript setup;
- Use of country codes, country subdivision codes and language codes of the Static Info Tables;
- Addition of the following fields: first name, last name, date of birth, and usergroup;
- Compatibility with extension Direct Mail 2.0 in the use of field 'Receive HTML emails? (module_sys_dmail_html) and of Direct Mail Categories (module_sys_dmail_category);
- Sending HTML emails;
- Optional attachment to HTML confirmation emails;
- Optional use of email address as username;
- Optional selection of user group on registration;
- Optional administrative review process for approval of registrations;
- User upload and maintenance of a set of images (presumably photos);
- Validation of the user's Internet site URL;
- Sending an invitation to register;
- Switching salutation mode;
- en_US localization;
- Optional md5-hashed password, using extension KB MD5 FE Password (kb_md5fepw);
- Optional CSS-styled XHTML 1.0 Strict template;
- Optional use of backend flexforms, using extension FE, BE Library (fh_library);
- Five optional hooks;
- Compatibility with extension Database Abstraction Layer (dbal).

Requirements

Extension Front End User Registration (extension key: sr_feuser_register) requires TYPO3 4.0.0+.

Version 2.5.8 is the last version of this extension that will work with PHP4.

Version 2.2.7 is the last version of this extension that will work with TYPO3 3.6.0-3.8.1.

Version 2.2.7 is the last version of this extension that will run with TYPO3 3.5.0, provided that the TS setup property config.metaCharset is not used.

The extension is designed to be used in conjunction with the New Login Box (newloginbox), Static Info Tables (static_info_tables) 2.0.5+ and FE/BE Library (fh_library) extensions. If you want to store passwords as MD5 encrypted, consider to install also KB MD5 FE Password (kb_md5fepw).

In order to use the backend flexforms feature, version 0.0.4+ of FE/BE Library (fh_library) is required.

In order to use the XHTML CSS-styled template, version 2.0.1+ of Static Info Tables (static_info_tables) is required.

Credits

This extension is derived from the Front End User Admin extension of Kasper Skårhøj.

Sebastian Roth and Franz Holzinger are actively collaborating to the maintenance and evolution of this extension.

The email attachment feature is an idea of Volker Graubaum.

Validation of Internet site URLs is based on URL Validator by Esben Maaløe.

In order to support dates before 1970, the field "date of birth" is handled with the ADOdb Date Time Library by John Lim.

Thanks to Dylan Kuhn for sharing his ideas and code for extending this extension with TCA-driven fields.

Thanks to Ries van Twisk for sharing his code to support fields with multiple checkboxes and to incorporate additional hooks.

This extension incorporates a script borrowed from extension Salutation Switcher (salutationswitcher) authored by Oliver Klee to allow to set informal salutation mode.

This extension incorporates some code borrowed from extension KB MD5 FE Password (kb_md5fepw) authored by Bernhard Kraft.

The extension includes two link icons authored by creator and copyright-owner Cornelia Lange (http://www.clkm.de/).

Thanks to Pieter Verstraelen for sharing his ideas and code to incorporate an additional hook to generate a username.

Thanks to Steve Webster for sharing his code for the short URL feature.

Thanks to David Bocher for sharing his code for honoring TCA renderMode property.

Thanks to Jens Hirschfeld for sharing his code for strWrap to overrideValues.

See the file contributors.txt for an additional list of contributors to this extension.

Sponsors

Development of this extension was sponsored in part by Michael Horvath, Michael Lang, Marketing Factory Consulting GmbH, Ralf Mertes, Alexander Schlog (ViennaDesign.com), Pete Sonderskov and Wild Wild Web.

You may sponsor further development of this extension by sending your contribution to Stanislas Rolland / Franz Holzinger through moneybookers.com or PayPal, or by contacting the author.

Support

You may get support regarding the use of this extension by subscribing to the English User List:
http://lists.netfielders.de/pipermail/typo3-english/

You can get support and installation service for this extension at http://jambage.com/index.php?id=193 .

Please see/report problems in the TYPO3 Bugtracker under project tx_srfeuserregister.

Since version 2.5.1, all more recent versions of the source code of this extension are available on SourceForge.net:
http://typo3dev.svn.sourceforge.net/viewvc/typo3dev/tx_srfeuserregister/

Development

Download the next development version from http://jambage.com/index.php?id=170 , test it and give a feedback.

Users Manual

First, the extension must be installed and configured: see the Configuration section.

Second, the HTML template needs to be tailored to your site: see the Administration section.

Then, visitors can start registering as Frontend users.

Registration Process

The default procedure is the following:

- Just below the login box, the visitor is presented a link to a registration form or, if the user is already logged in, a link to a profile editing form;

- The first time visitor completes the registration form and clicks on the submit button. He is presented with a preview form in order to verify the registration information before creating the account. Upon submitting the verified registration information, the new user is informed that an email is being sent to him to complete the registration process and his account is assigned to a user group preventing any special access;

- An email is sent to the registering visitor. The message contains two links. One link allows the visitor to confirm the registration and the other link cancels the registration (in case somebody has used his email address);

- Clicking on either link brings the visitor to a message page displayed in his browser. If he has confirmed his registration, he is presented with a login box and may log into the site. When the user confirms his registration, his account is assigned a user group allowing him to access whatever pages are targeted at registered users;

- When logged in, the user may edit his account information or delete his account;

- Upon each event (registration, confirmation, cancellation, update, or deletion), an email may be sent to the user to confirm the action. An email notification may also be sent to the administrator of the site. The email to the user may be in HTML format, if desired (the email will always include a plain text version).

Invitation

The extension may also be configured so that a back end user can create an account for another person and send an invitation to register. The invitation email allows the invited person to accept or decline the invitation.

Administrative Review

The extension may also be configured so that an email is sent to the site administrator when a visitor confirms his(her) registration.

In such case, the visitor is informed by email that his(her) registration needs to be reviewed and accepted by the site administration before he(she) may login.

The email sent to the site administrator contains all the information provided by the visitor (except the password). It also contains two links allowing the site administrator to accept or refuse the registration.

When the site administrator accepts or refuses the registration, an email is sent to inform the visitor of the decision of the site administration. The visitor may login only after the registration has been accepted by the site administrator.

The administrative review is bypassed when the registration was made by invitation.

Administration

Important

See topic 'Language files' how to get the translations for other languages. The language files must be imported separately.

Frontend Rendering

HTML Template

The default template provided with the plugin depends on which static template you are using: FE User Registration CSS-styled or FE User Registration Old Style.

When using static template FE User Registration CSS-styled, the default template is:
EXT:tx_srfeuserregister/pi1/tx_srfeuserregister_pi1_css_tmpl.html

CSS Styles

Default CSS styles are defined in the default TS template setups. They will vary depending on which static template you are using: FE User Registration CSS-styled or FE User Registration Old Style.

As usual, the default CSS styles may be modified and moved to a .css file. In such a case, the location of the file should be specified by an import rule overriding the default TS template setup:

```
plugin.tx_srfeuserregister_pi1._CSS_DEFAULT_STYLE = @import url("fileadmin/styles/name_style_sheet_file.css");
```

Alternatively, the selectors may be moved to some site-wide style sheet file and the default styles may be nullified:
plugin.tx_srfeuserregister_pi1._CSS_DEFAULT_STYLE >

When using static template FE User Registration CSS-styled, the following selectors are used in the example HTML template and are defined in default TS setup:

```
.tx-srfeuserregister-pi1 { }
.tx-srfeuserregister-pi1 h2 { }
.tx-srfeuserregister-pi1 legend { }
.tx-srfeuserregister-pi1 .tx-srfeuserregister-pi1-notice { }
.tx-srfeuserregister-pi1 .tx-srfeuserregister-pi1-trash { }
.tx-srfeuserregister-pi1 a:link { }
.tx-srfeuserregister-pi1 label { }
.tx-srfeuserregister-pi1 label span { }
.tx-srfeuserregister-pi1 .tx-srfeuserregister-pi1-error { }
.tx-srfeuserregister-pi1 input { }
.tx-srfeuserregister-pi1 input[type=password] { }
* html .tx-srfeuserregister-pi1 input[type=password] { }
.tx-srfeuserregister-pi1 input[type=radio], * html .tx-
srfeuserregister-pi1 input.tx-srfeuserregister-pi1-radio, * html .tx-
srfeuserregister-pi1 input[type=radio], * html .tx-srfeuserregister-pi1 input[type=checkbox]
{ }
.tx-srfeuserregister-pi1 input.tx-srfeuserregister-pi1-checkbox { }
.tx-srfeuserregister-pi1 .tx-srfeuserregister-pi1-delete-icon { }
.tx-srfeuserregister-pi1 a.tx-srfeuserregister-pi1-delete-icon:hover { }
.tx-srfeuserregister-pi1 .tx-srfeuserregister-pi1-file-view { }
.tx-srfeuserregister-pi1 ul { }
.tx-srfeuserregister-pi1 ul.tx-srfeuserregister-multiple-checkboxes { }
.tx-srfeuserregister-pi1 ul.tx-srfeuserregister-multiple-checkboxes li { }
.tx-srfeuserregister-pi1 ul.tx-srfeuserregister-multiple-checkboxes li label { }
.tx-srfeuserregister-pi1 ul.tx-srfeuserregister-multiple-checkboxes li { }
.tx-srfeuserregister-pi1 .tx-srfeuserregister-multiple-checked-values { }
.tx-srfeuserregister-pi1 .tx-srfeuserregister-multiple-checked-values li { }
.tx-srfeuserregister-pi1 dl { }
.tx-srfeuserregister-pi1 dt, .tx-srfeuserregister-pi1 dd { }
.tx-srfeuserregister-pi1 dd { }
.tx-srfeuserregister-pi1 dd p { }
.tx-srfeuserregister-pi1 dd dd { }
html .tx-srfeuserregister-pi1 dd p { }
.tx-srfeuserregister-pi1 dd label { }
```

HTML Template Markers

The following is the list of global and main subparts markers used in the example HTML template, when using static template "FE User Registration CSS-styled".

Global markers:

- ###CHARSET### = config.metaCharset or iso-8859-1.

Main subparts markers:

- ###TEMPLATE_CREATE### : template used to display the initial registration form.
- ###TEMPLATE_CREATE_PREVIEW### : template used to display the (optional) registration preview form.

- ###TEMPLATE_CREATE_LOGIN### : template used to display a link to the edit form when the front end user is already logged in.
- ###TEMPLATE_CREATE_SAVED### : when email confirmation request is disabled, template used to display confirmation that the account was created.
- ###TEMPLATE_SETFIXED_CREATE### : when email confirmation request is enabled and administrative review is disabled, template used to display confirmation that the account was created but that an email is being sent to the user to complete the registration process.
- ###TEMPLATE_SETFIXED_CREATE_REVIEW### : when administrative review is enabled, template used to display confirmation that the account was created but that an email is being sent to the user to complete the registration process.
- ###TEMPLATE_INVITE### : template used to display the initial account creation form in the case of an invitation.
- ###TEMPLATE_INVITE_PREVIEW### : template used to display the (recommended) account creation preview form, in the case of an invitation.
- ###TEMPLATE_SETFIXED_INVITE### : template used to display confirmation that an account was created and that an invitation email has been sent to the user to complete the registration process or decline the invitation.
- ###TEMPLATE_EDIT### : template used to display the account or profile editing form.
- ###TEMPLATE_EDIT_PREVIEW### : template used to display the (optional) editing preview form.
- ###TEMPLATE_EDIT_SAVED### : template used to display confirmation that the account was updated.
- ###TEMPLATE_DELETE_PREVIEW### : template used to display the deletion confirmation form.
- ###TEMPLATE_DELETE_SAVED### : template used to display confirmation that the account was deleted.
- ###TEMPLATE_SETFIXED_OK### : when administrative review is disabled, template used to display confirmation that the registration process was completed.
- ###TEMPLATE_SETFIXED_OK_APPROVE_REVIEW### : when administrative review is enabled, template used to display confirmation that the registration was completed, but that the registration must be accepted by the site administrator.
- ###TEMPLATE_SETFIXED_OK_ACCEPT### : when administrative review is enabled, template used to display the response page when the administrator accepts the account registration.
- ###TEMPLATE_SETFIXED_OK_ENTER### : when administrative review is enabled, template used to display the response page when the user clicks on the link in the acceptation email (without auto-login).
- ###TEMPLATE_SETFIXED_OK_REFUSE### : when administrative review is enabled, template used to display the response page when the administrator refuses the account registration.
- ###TEMPLATE_SETFIXED_OK_DELETE### : template used to display confirmation that the registration process was canceled.
- ###TEMPLATE_SETFIXED_FAILED### : template used to display a message when the registration or cancellation process could not be completed.
- ###TEMPLATE_AUTH### : template used to display a link to the registration form.
- ###TEMPLATE_NO_PERMISSIONS### : template used to display a message when some illegal access is attempted.
- ###EMAIL_TEMPLATE_CREATE_SAVED_HTML### : when email confirmation request is disabled, template for the HTML message sent to the user when he has created an account.
- ###EMAIL_TEMPLATE_CREATE_SAVED### : when email confirmation request is disabled, template for the plain text message sent to the user when he has created an account.
- ###EMAIL_TEMPLATE_CREATE_SAVED_ADMIN### : when email confirmation request is disabled, template for the plain text notification sent to the site administrator when a user has created an account.

- ###EMAIL_TEMPLATE_EDIT_SAVED_HTML### : template for the HTML message sent to the user when he has updated his account.
- ###EMAIL_TEMPLATE_EDIT_SAVED### : template for the plain text message sent to the user when he has updated his account.
- ###EMAIL_TEMPLATE_EDIT_SAVED_ADMIN### : template for the plain text notification sent to the site administrator when a user has updated his account.
- ###EMAIL_TEMPLATE_INFOMAIL### : template for forgotten password notification.
- ###EMAIL_TEMPLATE_SETFIXED_CREATE_HTML### : when email confirmation request is enabled and administrative review is disabled, template for the HTML message sent to the user when he has created an account and need to confirm his registration.
- ###EMAIL_TEMPLATE_SETFIXED_CREATE### : when email confirmation request is enabled and administrative review is disabled, template for the plain text message sent to the user when he has created an account and needs to confirm his registration.
- ###EMAIL_TEMPLATE_SETFIXED_CREATE_ADMIN### : when email confirmation request is enabled and administrative review is disabled, template for the plain text notification sent to the site administrator when a user has created an account and need to confirm his registration.
- ###EMAIL_TEMPLATE_SETFIXED_CREATE_REVIEW_HTML### : when administrative review is enabled, template for the HTML message sent to the user when he has created and he needs to confirm his registration.
- ###EMAIL_TEMPLATE_SETFIXED_CREATE_REVIEW### : when administrative review is enabled, template for the plain text message sent to the user when he has created and he needs to confirm his registration, and administrative review will be required.
- ###EMAIL_TEMPLATE_SETFIXED_CREATE_REVIEW_ADMIN### : when administrative review is enabled, template for the plain text notification sent to the site administrator when a user has created an account and needs to confirm his registration.
- ###EMAIL_TEMPLATE_SETFIXED_REVIEW_HTML### : when administrative review is enabled, template for the HTML message sent to the site administrator when a user has approved his/her registration and a decision to accept or refuse the registration is required.
- ###EMAIL_TEMPLATE_SETFIXED_REVIEW### : when administrative review is enabled, template for the plain text message sent to the site administrator when a user has approved his/her registration and a decision to accept or refuse the registration is required.
- ###EMAIL_TEMPLATE_SETFIXED_INVITE_HTML### : template for the HTML invitation message sent to a person for whom an account has been created and requesting the invitation be accepted to confirm registration, or to decline the invitation (or ignore the message).
- ###EMAIL_TEMPLATE_SETFIXED_INVITE### : template for the plain text invitation message sent to a person for whom an account has been created and requesting the invitation be accepted to confirm registration, or to decline the invitation (or ignore the message).
- ###EMAIL_TEMPLATE_SETFIXED_INVITE_ADMIN### : template for the plain text notification sent to the site administrator when an invitation to register has been sent and the invited person needs to confirm his/her registration.
- ###EMAIL_TEMPLATE_SETFIXED_APPROVE_REVIEW_HTML### : when administrative review is enabled, template for the HTML message sent to the user when he has confirmed the registration.
- ###EMAIL_TEMPLATE_SETFIXED_APPROVE_REVIEW### : when administrative review is enabled, template for the plain text message sent to the user when he has confirmed the registration.
- ###EMAIL_TEMPLATE_SETFIXED_APPROVE_REVIEW_ADMIN### : when administrative review is enabled, template for the plain text notification sent to the site administrator when a user has confirmed his registration.
- ###EMAIL_TEMPLATE_SETFIXED_APPROVE_REVIEW_HTML### : when administrative review is enabled, template for the HTML message sent to the user when he has confirmed the registration.
- ###EMAIL_TEMPLATE_SETFIXED_APPROVE_REVIEW### : when administrative review is enabled, template for the plain text message sent to the user when he has confirmed the registration.
- ###EMAIL_TEMPLATE_SETFIXED_APPROVE_REVIEW_ADMIN### : when administrative review is enabled, template for the plain text notification sent to the site administrator when a user has confirmed his registration.
- ###EMAIL_TEMPLATE_SETFIXED_ACCEPT_HTML### : when administrative review is enabled, template for the HTML message sent to the user when the registration was accepted.
- ###EMAIL_TEMPLATE_SETFIXED_ACCEPT### : when administrative review is enabled, template for the plain text notification sent to the user when the registration was accepted.
- ###EMAIL_TEMPLATE_SETFIXED_ACCEPT### : when administrative review is enabled, template for the plain text welcome message sent to the user when the registration was accepted.

- ###EMAIL_TEMPLATE_SETFIXED_ACCEPT_ADMIN### : when administrative review is enabled, template for the plain text notification sent to the site administrator when a registration was accepted.
- ###EMAIL_TEMPLATE_SETFIXED_REFUSE_HTML### : when administrative review is enabled, template for the HTML message sent to the user when the registration was refused.
- ###EMAIL_TEMPLATE_SETFIXED_REFUSE_HTML### : when administrative review is enabled, template for the plain text message sent to the user when the registration was refused.
- ###EMAIL_TEMPLATE_SETFIXED_REFUSE_ADMIN### : when administrative review is enabled, template for the plain text notification sent to the site administrator when the registration was refused.
- ###EMAIL_TEMPLATE_DELETE_SAVED### : template for the HTML message sent to the user when he has canceled his registration.
- ###EMAIL_TEMPLATE_DELETE_SAVED### : template for the plain text notification sent to the user when he has canceled his registration.
- ###EMAIL_TEMPLATE_DELETE### : template for the plain text message sent to the site administrator when he has canceled his registration.
- ###EMAIL_TEMPLATE_SETFIXED_DELETE_ADMIN### : template for the HTML message sent to the user when he has deleted his account.
- ###EMAIL_TEMPLATE_SETFIXED_DELETE_ADMIN### : template for the HTML message sent to the site administrator when a user has deleted his account.
- ###EMAIL_TEMPLATE_SETFIXED_DELETE_HTML### : template for the plain text message sent to the user when he has deleted his account.
- ###EMAIL_TEMPLATE_SAVED_ADMIN### : template for the plain text notification sent to the site administrator when a user has deleted his account.

Localization

Language files
The main language file is pi1/locallang.xml. You can translate it with the extension 'locallang-XML translation tool'.
Send any translations and text improvements to http://bugs.typo3.org choice 'Translation & Internationalization' or have a look at http://translation.typo3.org/ .
Use the EM to get the translations into foreign languages.

Adapting labels
You may adapt the labels in pi1/locallang.xml to your needs and languages.
Any label may be overridden by inserting the appropriate assignment in your TS template setup:

`plugin.tx_srfeuserregister_pi1._LOCAL_LANG.languageCode.labelName = overridingValue`

You can find the name of the label you want to modify (or translate) by inspecting the extension file pi1/locallang.xml.

Overriding labels specified in TCA
You may also override the labels from other files when they are referenced by the TCA definition of a field (see the tutorial section on Adding fields to the registration form). This is done as follows:

`plugin.tx_srfeuserregister_pi1._LOCAL_LANG.languageCode.tableName.fieldName = overridingValue`

Switching salutation mode
You may also switch the salutation mode used in these labels when this is relevant for the language being used and when the labels are either available in the pi1/locallang.xml file or provided by TypoScript setup. See the TypoScript Reference section.

Localization of user group title
This extension adds table fe_groups_language_overlay in order to allow localization of the user group title.

en_US localization
If config.language is set to en_US in TS template setup, labels localized to US English will be used in the frontend. If not available, default (en_GB) labels will be used.

Labels with variables
Some labels in pi1/locallang.php have names starting with 'v_'. In those labels, the following variables may be used:
- %1$s : the title of the pid containing the frontend user records created by the extension;
- %2$s : the user name of the frontend user;
- %3$s : the name of the frontend user;

- %4$s : the email address of the frontend user;
- %5$s : the password of the frontend user.

Adding extra labels
Property extraLabels in TS setup may specify a list of extra labels that may be used in the HTML template.
The values of these labels are specified in TS setup with the same type of assignment as when overriding localized labels:

`plugin.tx_srfeuserregister_pi1._LOCAL_LANG.languageCode.extraLabelName = extraLabelValue`

Configuration

Configuration steps
These are the steps to configuring the Front End User Registration extension:

1. Install the extension using the Extension Manager. If not already installed, you will be requested to install the extension Static Info Tables (static_info_tables). You should also consider installing extensions New Login Box (newloginbox) and FE/BE Library (fh_library). For MD5 password encryption you will also need KB MD5 FE Password (kb_md5fepw).

2. Add one of the following static templates to your TypoScript template: 'FE User Registration CSS-styled' or 'FE User Registration Old Style'. If you select the CSS-styled template, make sure you have installed version 2.0.1+ of the extension Static Info Tables (static_info_tables).

3. Create a System Folder page that will contain the records of frontend users created by the extension. Set the TS template constant **pid** to the page id of this folder. Under the System Folder, create two Frontend User Groups. Set the TS template constant **userGroupUponRegistration** to the uid of the first group and constant **userGroupAfterConfirmation** to the uid of the second group. The second group gives access to the pages targeted at the registered front end users, while the first group does not.

4. Create a page or reuse a top level page, setting the Page "General Storage Storage" to the System Folder that will contain the front end user records created by the extension. Insert the New Login Box or the page. Then, on the same page, after the New Login Box, insert the Front End User Registration extension, setting the display mode (or the same CODE field remains empty), but setting the Starting Point to the System Folder that will contain the Frontend user records created. Set the TS template constant **loginPID** to the page id of this page.

5. Create a second page after the previous one and set the access general options to "Hide at login". Insert the Front End User Registration extension, setting the display mode to Create (CODE to CREATE), and the Starting Point to the System Folder that will contain the Frontend user records. Set the TS template constant **registerPID** to the page id of this page.

6. Create a third page limiting access to this page to the second user group you created. Insert the Front End User Registration extension, setting the display mode to Edit (CODE to EDIT), and the Starting Point to the System Folder that will contain the front end user records. Note that the access restriction should be set on the page, not on the content elements. Set the TS template constant **editPID** to the page id of this page.

7. Create a fourth page setting the page type to 'Advanced' and click the checkbox at "Hide in menu". Insert the Front End User Registration extension, using the Default display mode (leaving the CODE empty) and setting the Starting Point to the System Folder that will contain the front end user records. Note that the access restriction should be set on the page, not on the content elements. Set the TS template constant **confirmPID** to the page id of this page.

8. Decide which fields you want included on the registration form and, among those, which ones you want to be required in order to register. Set TS template constants **formFields** and **requiredFields**.

9. Review the extension constants described below. All these properties may be conveniently edited using the Constant Editor TS template tool. If you do not use the Constant Editor to configure the extension please note the form of the constants assignments in the constants section of your TS template:

`plugin.tx_srfeuserregister_pi1.property = value`

or if you assign multiple values:

```
plugin.tx_srfeuserregister_pi1 {
    property = value
    ...
}
```

10. TypoScript Setup:
```
config.sys_language_uid = 0
config.language = de
config.locale_all = german
config.typolinkLinkAccessRestrictedPages = NONE;
```

Upgrading to version 2+

When you upgrade from an older version to version 2+, you need to add a static template to your TS template, otherwise the extension will not work.

If you add the **FE User Registration Old Style** static template, the extension should function exactly the same way as version 1.6.8.

If you add the **FE User Registration CSS-styled** static template, you need to re-adapt your HTML template and your CSS styles. You should probably try it first with the default template and the default CSS styles.

Extension configuration variables

The Extension Manager installation dialog allows you to set the following extension configuration variables:

- **Use flexforms**: this variable enables the use of Flexforms in the backend. Extension fh_library version 0.0.4+ must be installed. Default is 1.

- **Image upload folder**: this is the name of the upload folder for images uploaded by Frontend users. The default value is uploads/tx_srfeuserregister. In some configurations, you may prefer to set it to uploads/pics – changes will update the TCA-definition of the image column of the fe_users table;

- **Maximum image size**: this is the maximum size in KB's an image may be to be uploaded by Frontend users. The default value is 250 – changes will update the TCA-definition of the image column of the fe_users table;

- **Allowed image types**: this is the list of accepted file extensions for uploaded images. The default value is **png, jpg, jpeg, gif, tif, tiff** – changes will update the TCA-definition of the image column of the fe_users table.

TypoScript Constants

Please note that the following properties refer to TS template constants, not TS template setup.

If you do not use the Constant module_sys_dmail_categoryEditor to configure the extension, please note the form of the constants assignments in the constants section of your TS template: **plugin.tx_srfeuserregister_pi1.property = value**

Property:	Data type:	Description:	Default:
file.templateFile	string	File name of the HTML template	EXT:sr_feuser_register/pi1/tx_srfeuserregister_pi1.tmpl/mpi.tmpl
file.attachmentFile	string	File name of a file to be attached to the registration confirmation email.	EXT:sr_feuser_register/pi1/tx_srfeuserregister_pi1_s ample.txt
enableHTMLMail	boolean	If set, emails sent to the Frontend user will be sent in HTML format. A plain text version will always be included in the emails.	1
enableEmailAttachment	boolean	If set, and if enableHTMLMail is also set, the attachment file, attachmentFile - will be attached to the registration confirmation HTML email.	0
enableAutoLoginOnCreate	boolean	Enable auto-login on account creation: if set and if email confirmation is not set, the user will be automatically logged in upon creation of his/her account. Note: This property is disabled when useMd5Password is enabled.	0
enableAutoLoginOnConfirmation	boolean	If set, the user will be automatically logged in upon confirmation of his registration. Note: This property is disabled when useMd5Password is enabled.	0
autoLoginRedirect_url	string	When auto login is enabled, URL to which the user may be redirected upon login.	
HTMLMailCSS	string	File name of the HTML emails style sheet. If HTML emails are enabled, this file contains the CSS style sheet to be incorporated in these emails.	EXT:sr_feuser_register/pi1/tx_srfeuserregister_htmlmail.css
wrap1	wrap	Wrap used in global markers in the HTML template. Note: In the example template, this wraps some major prompts.		
wrap2	wrap	Wrap used in global markers in the HTML template. Note: In the example template, this wraps the error messages.		<p>	<p>	

Property:	Data type:	Description:	Default:
wrap3	wrap	Wrap used in global markers in the HTML template. Note: In the example template, this wraps some notices.		
color1	HTML-color	Color used in global markers in the HTML template. Note: In the example template, this wraps some notices.	#cccccc
color2	HTML-color	Color used in global markers in the HTML template	#999999
color3	HTML-color	Color used in global markers in the HTML template	#333333
email	string	Administration email address. This email address will be the sender email address and the recipient of administrator notifications.	MyTypo3Site@mydomain.org
siteName	string	Name of the registering site. If set, this will be used as the email address name in all sent emails and may be used as a signature in the emails.	My Typo3 Site
formFields	string	List of fields to be included on the Frontend user registration form. Should be a subset of the columns of the fe_users table. Note: If Direct Mail (direct_mail) extension is not installed, fields module_sys_dmail_category and module_sys_dmail_html are ignored (removed from the list).	username,passw ord, first_name,last_n ame,date_of_birth ,email, address,city,zore, static_info_countr y,zip, telephone,langua ge, title,company,ww w, module_sys_dmai l_category, module_sys_dmai l_html,disable
requiredFields	string	List of fields that must be filled in on the Frontend user registration form. Should be a subset of the list specified on the formFields property.	username,passw ord,name,email
authcodeFields	string	Authentication code fields: this is the list of fields that are used in the calculation of authentication codes. Note that the Direct Mail extension uses only uid in its calculations.	uid
codeLength	int	Length of the authentication codes. Note that the Direct Mail extension uses only 8 in its calculations.	8
formName	string	Name of the HTML form. The name is also referenced on the onChangeCountryAttribute. See below.	tx_srfeuser_form
onChangeCountryAttribute	string	Javascript to execute when the selected country is changed in the country selector box.	javascript:window. document.forms['f e_users_form'].su bmit();
defaultCODE	string	Default CODE: when not specified on the inserted extension record. May be CREATE or EDIT or empty.	None
pid	page_id	Frontend user records PID. If the records edited/created are located in another page than the 'current,' the PID of that page should be specified here.	None
module_sys_dmail_category_PIDLIST	string	PID list for Direct Mail categories. The Direct mail categories used by the plugin will be restricted to those found on the pages identified by the PID's in this list.	None
pidTitleOverride	string	The specified string will override the title of the Direct Mail property. The title of the System Folder page specified by the pid property. The title of the System Folder page is used in some online and email messages in the default HTML template.	None
registerPID	page_id	Registration page PID. PID of the page on which the extension is inserted with the intent of serving as the Frontend user registration page. If not set, will default to 'current' page.	None
editPID	page_id	Profile editing page PID: PID of the page on which the extension is inserted with the intent of serving as the Frontend user profile editing page. If not set, will default to 'current' page.	None
linkToPID	page_id	Link to after edit PID: PID of a page to be linked to after the user has completed the editing of his/her profile. See also linkToPIDAddButton.	None
linkToPIDAddButton	boolean	Add a button to link to after edit. If set, an additional button is displayed on the profile editing page, or on the profile editing preview page, to save the changes and link to the page specified by linkToPID.	0
confirmPID	page_id	Confirmation page PID: PID of the page on which the extension is inserted with the intent of serving as the Frontend user confirmation page (or setfixed page!). Meaningful only if email confirmation request is enabled.	None

Property:	Data type:	Description:	Default:
confirmInvitationPID	page_id	Confirmation of invitation page PID. PID of the page on which the extension is inserted with the intent of serving as the Frontend user confirmation page (or settled page!) when replying to an invitation. Meaningful only if email confirmation request is enabled. Note: If not set, will take the same value as confirmPID.	None
confirmType	int	Confirmation page Type. Type (or pageNum) of the confirmation page. Meaningful only if email confirmation request is enabled.	0
loginPID	page_id	Login page PID: PID of the page on which the New login box extension is inserted with the intent of serving as the Frontend user login page. If not set, will default to 'current' page.	None
enablePreviewRegister	boolean	Enable preview on registration. If set, the registration dialog will include a preview of the Frontend user data before it is saved.	1
enablePreviewEdit	boolean	Enable preview on profile update. If set, the profile update dialog will include a preview of the Frontend user data before it is saved.	1
enableAdminReview	boolean	Enable administrative review. If set, the site administrator will be asked to accept the registration before it becomes enabled. Note: this feature is available only when using static template FE User Registration CSS-styled.	0
enableEmailConfirmation	templateFileboolean	Enable email confirmation request: If set, an email will be sent to the prospective Frontend user requesting a confirmation of registration.	1
useEmailAsUsername	boolean	Enable the use of the email address as username.	0
generateUsername	boolean	Generate the username. If set, the username is assumed to be generated. Note: If enableEmailConfirmation is also set, the email field will NOT be included in the front end user profile editing form.	0
generatePassword	int	Generate the password: If non-zero, a random password is generated. The number of characters in the password is given by this parameter. Note: Hook registrationProcess_beforeConfirmCreate must be configured.	0
allowUserGroupSelection	boolean	Allow selection of usergroup on registration. If set, the user may select to adhere to user group(s) when registering. Note: The selectable usergroups must be located in the page identified by the pid constant. Note: If constants userGroupUponRegistration and userGroupAfterConfirmation are set, the usergroups they specify are not selectable. Note: Field usergroup must be included in the list specified by constant formFields.	0
allowUserGroupUpdate	boolean	Allow selection of usergroup on editing. If set, the user may edit the list of user groups to which he(she) belongs. Note: See also constant allowUserGroupSelection.	0
allowMultipleUserGroupSelection	boolean	Allow selection of multiple usergroups. If set, the user may select to adhere to multiple user groups. Note: See also constants allowUserGroupSelection and allowUserGroupUpdate.	0
enableEmailOnApprove	boolean	Enable email on approval. If set, an email will be sent to the Frontend user when he confirms his registration. Effective only if email confirmation request is enabled.	1
enableEmailOnRefuse	boolean	Enable email on refusal. If set, an email will be sent to the prospective Frontend user when he refuses to confirm his registration. Effective only if email confirmation request is enabled.	1
enableEmailOnRegister	boolean	Enable email on registration. If set, an email will be sent to the Frontend user confirming his registration. Ignored if email confirmation request is enabled.	1
enableEmailOnUpdate	int	Enable email on profile update. If set to 1, an email will be sent to the Frontend user to confirm the update of his profile. If set to 2, only the changed fields will be sent.	1
enableEmailOnDelete	boolean	Enable email on delete. If set, an email will be sent to the Frontend user to confirm the deletion of his account.	1

Property:	Data type:	Description:	Default:
enableAdminNotifyConfirmation	boolean	Enable admin notification on confirmation request. If set, an email will be sent to the site administrator when a request for confirmation of registration is sent to a user.	1
enableAdminNotifyOnApprove	boolean	Enable admin notification on approval. If set, an email will be sent to the site administrator when a user confirms his registration.	1
enableAdminNotifyOnRefuse	boolean	Enable admin notification on refusal. If set, an email will be sent to the site administrator when a user refuses to confirm his registration.	1
enableAdminNotifyOnRegister	boolean	Enable admin notification on registration. If set, an email will be sent to the site administrator when a user registers. This is ignored if email confirmation request is enabled.	1
enableAdminNotifyOnUpdate	boolean	Enable admin notification on update. If set, an email will be sent to the site administrator when a user updates his profile.	1
enableAdminNotifyOnDelete	boolean	Enable admin notification on deletion. If set, an email will be sent to the site administrator when a user deletes his account.	1
enableAdminNotifyOnAdminAccept	boolean	Enable admin notification on approval by admin: If set, an email will be sent to the site administration when a registration is accepted by the administration.	1
enableAdminNotifyOnAdminRefuse	boolean	Enable admin notification on refusal by admin: If set, an email will be sent to the site administration when a registration is refused by the administration.	1
userGroupAfterAccepation	string	User group(s) after acceptation. The value of the user group(s) assigned to the front end user after acceptation of his(her) registration, when the administrative review is enabled. Note: If administrative review is not enabled, this property is ignored.	None
userGroupAfterConfirmation	string	User group(s) after confirmation. The value of the user group(s) assigned to the Frontend user after receipt of his confirmation.	None
userGroupUponRegistration	string	User group(s) upon registration. The value of the user group field. Must be a list of integers WITHOUT spaces between the comma separated values! Furthermore, these integers MUST point to actual fe_groups records!	None
passwordAtLeast	int	Minimum password length: The minimum number of characters that the password must contain.	5
passwordAtMost	int	Maximum password length: The maximum number of characters that the password may contain.	40
usernameAtLeast	int	Minimum username length: The minimum number of characters that the username must contain.	6
usernameAtMost	int	Maximum username length: The maximum number of characters that the username may contain.	50
nameAtMost	int	Maximum name length: The maximum number of characters that the name of the Frontend user may contain.	80
forceFieldDelete	boolean	If set, on record deletion, related images and files will be deleted even if the record in the database is only marked 'deleted.'	1
maxImages	int	Number of images that may be uploaded. Value: An integer larger than 0 and smaller than 7.	6
salutation	string	If set, should be either 'formal' or 'informal'. Note: Has no effect if the field 'image' is not in the list formFields.	None
useMd5Password	boolean	Enable md5 password encryption. Note: This property will change the salutation mode used in the labels displayed in the front end, provided that this is meaningful in the language being displayed and that translations have provided the informal version. Note: If set, passwords will be encrypted. Consider to install an extension like Kb_md5fepw and the newloginbox.	0
useShortUrls	boolean	Enable the use of short URL's in email messages sent to users is enabled.	0
shortUrlLife	int+	Short URL cache lifespan. This is the number of days that short URL's will be kept in the DB. After this delay, the short URL's will be removed. Confirmation URL's included in email messages older than this number of days will not work.	30

TypoScript Setup

When installing this extension, you should NOT use the following setting:

`config.disableAllHeaderCode = 1`

This setting will prevent the inclusion of Javascript essential to the correct behavior of the profile editing features.

Property:	Data type:	Description:	Default:
extraLabels	string	Comma-separated list of additional labels to use in the HTML template.	None
templateFile	string	Same as file templateFile from Constants. This is needed under Setup for language specific template files only.	

where.static_countries	string	Set a SQL WHERE condition to follow for the selected country in the static_countries table of the static_info_tables extension. Maybe you want to see only users from EU countries on your site.
		
		Example:
		plugin.plugin.tx_srfeuserregister_pi1 {
		  where.static_countries = cn_eu_member = 1
		}	

CODE specific

Use the code field as the first parameter.

`edit.overrideValues.usergroup = 3`

Property:	Data type:	Description:	Default:
defaultValues	array of strings	Default values for the fields.	

overrideValues	array of strings/stdWrap	Array of field names for which a fixed value or stdWrap function shall be applied.
		
		The stdWrap e.g. can be used when FE Users should not be able to change a field, which they must fill out only at registration.
		
		Example:
		overrideValues {
		  username =
		  usergroup >
		  disable = 0
		  by.invitation >
		  user_myfield = {TSFE:fe_user|user}
		  user_myfield.insertData = 1
		}
			None

evalValues	array of strings	Check functions to be applied on the fields.	

Configuration of Addresses

You can use the tt_address table instead of fe_users. If you set conf.tt_address, then tt_address and these settings will be used instead of the other settings for the fe_users table.

Example:

`plugin.tt_products.conf.tt_address.invite.generateTheirName = 1`

Property:	Data type:	Description:	Default:
conf	array of array	Same as the topic 'CODE specific'.	fileadmin/img

Configuration

Sending invitations

Create a page, limiting access to this page to Backend users who will be authorized to send invitations to register. Insert the Front End User Registration extension, setting the display mode Invite (or CODE to INVITE) and the Starting Point to the System Folder that will contain the front end user records created.

When an account is created through this page, an invitation message will be sent to the email address specified on the account. The invited person may accept or decline the invitation.

Using frames

If the registration confirmation page (confirmPID) is designed to be displayed within frames, then add the following lines to your TS template setup:

[globalVar = TSFE:id = {$plugin.tx_srfeuserregister_pi1.confirmPID}]
config.page.frameReloadIfNotInFrameset = 1
config.linkVars >
config.linkVars = L,tx_srfeuserregister_pi1.fD,cmd,rU,aC
config.no_cache = 1
[global]

after setting plugin.tx_srfeuserregister_pi1.confirmPID in your TS template constants.

Note that cmd, rU and aC are in the list for compatibility with the Direct mail extension.

Using available hooks

Two sets of hooks may be used by the extension.

The first set of hooks is named confirmRegistrationClass and offers the possibility of the following two hooks:

- **confirmRegistrationClass_preProcess**: this hook is invoked just BEFORE the registration confirmation (or so-called setfixed) is processed;
- **confirmRegistrationClass_postProcess**: this hook is invoked just AFTER the registration confirmation (or so-called setfixed) is processed.

The second set of hooks is named registrationProcess and offers the possibility of the following four hooks:

- **registrationProcess_beforeConfirmCreate**: this hook is invoked just BEFORE the Frontend user record is filled for preview by the user;
- **registrationProcess_afterSaveCreate**: this hook is invoked just AFTER the Frontend user record has been created and saved;
- **registrationProcess_afterSaveEdit**: this hook is invoked just AFTER the Frontend user record has been edited and saved;
- **registrationProcess_beforeSaveDelete**: this hook is invoked just BEFORE the Frontend user record is deleted.

Each set of hooks must be defined within a class, each hook being a method of this class. However, all six hooks could be defined as methods of the same class.

Each hook receives two parameters: the current Frontend user record and a reference to the invoking object. In the case of confirmRegistrationClass_preProcess and of registrationProcess_beforeConfirmCreate, the first parameter is also passed as a reference so that some action may be taken on the content of the record.

The hooks are configured by the following assignments which could be included in the ext_localconf.php file of the extension providing the hooks.

$TYPO3_CONF_VARS['EXTCONF']['ac_feuser_register']['tx_srfeuserregister_pi1']['confirmRegistrationClass']
[] = classReference;
$TYPO3_CONF_VARS['EXTCONF']['ac_feuser_register']['tx_srfeuserregister_pi1']['registrationProcess'][] =
classReference;

Note that these are arrays, therefore you could configure multiple hooks of each type for various purposes.

File hooks/class.tx_srfeuserregister_hooksHandler.php of this extension provides a simple example class containing six hooks doing mostly nothing but reporting their existence when invoked. File ext_localconf.php also contains example statements for configuring these example hooks. They are commented out. If you uncomment them, you should see the hooks being invoked when the extension is used in the Frontend.

In the case of the confirmRegistrationClass example hooks, if the confirmation page is configured to be redirected to auto-login, you may not notice on the Frontend that the example hooks are being invoked.

In the case of the registrationProcess_beforeConfirmCreate example hook, if the plugin is configured to generate a username, a username is generated based on the first and last names of the user.

When extension KB MD5 FE Password (kb_md5fepw) and useMd5Password is enabled, the extension also uses the following hook:

$TYPO3_CONF_VARS['TYPO3_CONF_VARS']['EXTCONF']['newloginbox']['LoginFormModuleFuncs']

See the documentation of New Login Box and KB MD5 FE Password extensions for more information on this hook.

For more information on hooks, see: http://typo3.org/documentation/document-library/doc_core_api/The_concept_of_quot/

Reducing the length of URL's

You may find that the URL's sent in emails to the front end user are too long and may be broken when using plain text emails.

Using HTML emails and simulateStaticDocuments

If you are using HTML emails (**enableHTMLMail** is set to 1):

1. Configure your site to use the simulateStaticDocuments property. See TSRef for information about this CONFIG setup property.

2. When the simulateStaticDocuments is working, add the following lines to your TS template setup:

   - config.simulateStaticDocuments_pEnc = rnd5

   - simulateStaticDocuments_pEnc_onlyP =
     L,fDI,FIELDLIST,tID[disable],tID[usergroup],tx_srfeuserregister_pi1[aC],
     tx_srfeuserregister_pi1[cmd],tx_srfeuserregister_pi1[U],tx_srfeuserregister_pi1[sFK]

Using plain text emails and notification_email_urlmode

If you are using plain text emails (**enableHTMLMail** is set to 0), the above method will also work, but if you do not wish to use the simulateStaticDocuments feature, then:

- In your TS template setup, set config.notification_email_urlmode = 76 or config.notification_email_urlmode = all. See TSRef for information about this CONFIG setup property.

Using the short URL feature - RealURL

This approach is compatible with both HTML and plain text emails. Simply enable the feature by setting the TS constant **useShortUrls** = 1 in your TS template. You should also review the default value of TS constant **shortURLLife** and set it to a value that fits your needs.

If you are using the simulateStaticDocuments feature, you may want to add tx_srfeuserregister_pi1[regHash] to the list simulateStaticDocuments_pEnc_onlyP.

If you are using the RealURL extension, you should add something like the following to your RealURL configuration in the $TYPO3_CONF_VARS['EXTCONF']['realurl'] variable of localconf.php:

```
'postVarSets' => array(
    '_DEFAULT' => array(
        'user' => array(
            array(
                'GETvar' => 'tx_srfeuserregister_pi1[regHash]'
            ),
        ),
    ),
),
```

Old Front End Login Box Content Element:

You must set the page id of the user's folder in the constants field. Otherwise the login will not work, because TYPO3 only searches in the root page 0.

Example:

```
xtypes.content.loginform {
    pid = 9
}
```

Or you could also turn off the page checking at all in the Install Tool:

```
[FE][checkFeUserPid] = 0
```

If you unset this, you should change the fe_users username eval-flag 'uniqueInPid' to 'unique' in $TCA. This will do:
```
$TCA['fe_users']['columns']['username']['config']['eval']= "nospace,lower,required,unique";
```

Setting an image upload folder compatible with New Front End Login Box and CHC Forum?

Thanks to Sebastian Stanger for helping produce this section.

The path of the image upload folder used by the Front End User Registration extension may be set in the installation dialog. The default value is **uploads/tx_srfeuserregister**. A popular alternative in many configurations is **uploads/pics**. The Front End User registration extension will update the TCA of the fe_users table. Therefore, the Backend forms will use the specified path.

It should also be possible to edit the image of the user profile using either the CHC Forum profile mode or the Front End User Registration edit mode. It is also possible to show the user image in the user listing produced by the New Front End Login Box.

New Front End Login Box:

If you use the **User Listing** plugin of the New Front End Login Box extension (Key: newloginbox), and you want to display the user image in the details view, set the following property in your TS template setup:

```
plugin.tx_newloginbox_pi3.singleView.customProcessing.image.file.import = uploads/tx_srfeuserregister/
```

or

```
plugin.tx_newloginbox_pi3.singleView.customProcessing.image.file.import = uploads/pics/
```

Note the ending slash (/).

Note also that only the first image will be displayed.

Configure the extension to use the email address as user name

1. Use the Constant editor to set the constant **useEmailAsUsername** to 1:

2. You may want to change the relative position of the email field in the following subparts of the HTML template: ###TEMPLATE_CREATE###, ###TEMPLATE_INVITE### and ###TEMPLATE_EDIT###.

Note that if you have set constant **enableEmailConfirmation**, the email field will not appear on the editing form because no confirmation request is sent when the email address is modified.

Also in tt_products the email addresses are used as user names.

Select Boxes:

You can have different select boxes defined in TCA, which can also be shown as checkboxes in FE. You will need this for DirectMail or overwritten topics. The configuration needs the activity and the field name of fe_users.

activities: EMAIL

```
plugin.tx_srfeuserregister_pi1 {
    select {
        email
    }
    module_sys_dmail_category.wrap = | <br/>
}
```

Property:	Data type:	Description:	Default:
wrap	stdWrap	Wrap around each simple item.	

CHC Forum:

If you use the CHC Forum extension (extension Key: chc_forum), go to the page on which you inserted the CHC Forum and edit the record. In the flexform, at the **Profile** tab, find the field named **Alternate user image relative path**.

Enter **uploads/tx_srfeuserregister** or **uploads/pics** (or whatever value you have set for the Front End User Registration extension).

Display of Frontend User Data:

If you want to display the FE users data without any edit functionality, you can use TypoScript for setting this up.

by Peter Klein :

```
10 = COA
10 {
    11b.userinfo = COA_INT
    11b.userinfo {
        10 = COA
        10.1 = TEXT
        10.1.data = TSFE:fe_user|user|first_name
        10.1.required = 1
        10.2 = TEXT
        10.2.data = TSFE:fe_user|user|username
        10.2.wrap =  |
        10.2.required = 1
        # the "first_name" and "last_name", if present,
        # otherwise use the "name" field
        20 = COA
        20.1 = TEXT
        20.1.data = TSFE:fe_user|user|first_name
        20.1.required = 1
        20.2 = TEXT
        20.2.data = TSFE:fe_user|user|last_name
        20.2.wrap =  |
        20.2.required = 1
        20.stdWrap.ifEmpty.data = TSFE:fe_user|user|name
        20.stdWrap.wrap =  |<br />
        20.stdWrap.required = 1
    }
    30 <.10
}
```

TYPO3

```
30.data = TSFE:fe_user|user|address
30.wrap = |Address: |<br />

40.data = TSFE:fe_user|user|city
40.wrap = |City: |<br />

50.data = TSFE:fe_user|user|zip
50.wrap = |zip: |

60.data = TSFE:fe_user|user|country
60.wrap = |Country: |<br />

70.data = TSFE:fe_user|user|company
70.wrap = |Company: |<br />

80.data = TSFE:fe_user|user|telephone
80.wrap = |Telephone: |<br />

90.data = TSFE:fe_user|user|fax
90.wrap = |Fax: |<br />

100.data = TSFE:fe_user|user|email
100.typolink.parameter.data = TSFE:fe_user|user|email
100.wrap = |Email: |<br />

110.data = TSFE:fe_user|user|www
110.typolink.parameter.data = TSFE:fe_user|user|www
110.typolink.extTarget = _blank
110.wrap = www: |<br />

200 < .10
200.data = TSFE:fe_user|user|usergroup
200.split {
     token = ,
     cObjNum = 1 || 2
     1 < .1
     2.10.renderObj.wrap >
}
200.wrap = Member of group(s): |<br >

10 = CONTENT
10.table = fe_groups
#  ID 11 is the folder where I store my FE users and FE groups.
# Remember to change it to the ID of the folder
#  where YOU store your FE data!!
10.select.pidInList = 13
10.select.andWhere.current = 1
10.renderObj = TEXT
10.renderObj.field = title
10.renderObj.wrap = |,
```

```
300 < .10
300.split {
     token = 1
     cObjNum = 1
     1 {
     10 = IMAGE
     10.file.import.current = 1
     10.file.import = uploads/tx_srfeuserregister/
     10.file.width = 100
     }
}
300.wrap = Image(s): |<br />
}
page.100 < lib.userinfo
```

Using Captcha

It is possible to activate the display of a captcha image and a text field, where the user must enter the text displayed on the image. sr_freecap must have been installed. See the tx_srfeuserregister_pi1_captcha_css_tmpl.html example template.
You must not use the captcha_response as a required field.

Example Constants

TYPO3

Tutorial: Adding fields to the registration form

Extend the fe_users table

The simplest way to extend the fe_users table is to create a small extension that will define the required fields in the database and the TCA. Your small extension will not contain any plugin or other processing.

The Extension Repository Kickstarter (extension key extrep_wizard) extension is a wizard that will help you create this small extension. Install it using the Extension Manager. Once installed, you access the Kickstarter Wizard through the Extension Manager Backend module. There is a tutorial on how to use the Kickstarter Wizard. You may want to go through it. Just remember that you will not need to create any plugin or TypoScript.

Once your extension is created, install it. This will make the fields you have defined available to all other extensions.

Add the fields in the HTML template

You need to update the HTML template in order to include the fields you have defined in the proper subparts. The subparts of interest are:

###TEMPLATE_CREATE###

###TEMPLATE_CREATE_PREVIEW###

###TEMPLATE_INVITE###

###TEMPLATE_INVITE_PREVIEW###

###TEMPLATE_EDIT###

###TEMPLATE_EDIT_PREVIEW###

and perhaps some of the email subparts.

Have a look at how the predefined fields are included in each of the subparts, and do the same for the fields you are adding.

The HTML for a field named myNewFieldName in the CREATE, INVITE and EDIT subparts would look like:

```
<!-- ###SUB_INCLUDED_FIELD_myNewFieldName### -->
<dt>
<label for="tx-srfeuserregister-pi1-myNewFieldName">###LABEL_MYNEWFIELDNAME###</label>
<span class="tx-srfeuserregister-pi1-required">###REQUIRED_MYNEWFIELDNAME###</span>
</dt>
<dd>
<!-- ###SUB_ERROR_FIELD_myNewFieldName### -->
<p class="tx-srfeuserregister-pi1-error">###EVAL_ERROR_FIELD_myNewFieldName###</p>
<!-- ###SUB_ERROR_FIELD_myNewFieldName### -->
<!-- ###SUB_REQUIRED_FIELD_myNewFieldName### -->
<p class="tx-srfeuserregister-pi1-error">###MISSING_MYNEWFIELDNAME###</p>
<!-- ###SUB_REQUIRED_FIELD_myNewFieldName### -->
<input id="tx-srfeuserregister-pi1-myNewFieldName" name="FE[fe_users][myNewFieldName]" type="text" size="40" maxlength="90"
title="###TOOLTIP_MYNEWFIELDNAME###" class="tx-srfeuserregister-pi1-
text" />
<!-- ###SUB_INCLUDED_FIELD_myNewFieldName### -->
</dd>
```

In the case of a field of type textarea, check, radio and select, the HTML for the field should look rather look like the following:

```
<!-- ###SUB_INCLUDED_FIELD_myNewFieldName### -->
<dt>
<label for="tx-srfeuserregister-pi1-myNewFieldName">###LABEL_MYNEWFIELDNAME###</label>
<span class="tx-srfeuserregister-pi1-required">###REQUIRED_MYNEWFIELDNAME###</span>
</dt>
<dd>
<!-- ###SUB_ERROR_FIELD_myNewFieldName### -->
<p class="tx-srfeuserregister-pi1-error">###EVAL_ERROR_FIELD_myNewFieldName###</p>
<!-- ###SUB_ERROR_FIELD_myNewFieldName### -->
<!-- ###SUB_REQUIRED_FIELD_myNewFieldName### -->
<p class="tx-srfeuserregister-pi1-error">###MISSING_MYNEWFIELDNAME###</p>
<!-- ###SUB_REQUIRED_FIELD_myNewFieldName### -->
###TCA_INPUT_myNewFieldName###
<!-- ###SUB_INCLUDED_FIELD_myNewFieldName### -->
```

Example Setup:

```
# check for captcha
plugin.tx_srfeuserregister_pi1.create.emailValues.captcha_response = captcha

plugin.tx_srfeuserregister_pi1.CSS_DEFAULT_STYLE >
plugin.tx_srfeuserregister_pi1.CSS_DEFAULT_STYLE <
```

```
formfields = email,first_name,last_name,captcha_response,module_sys_dmail_html
```

In each PREVIEW subpart, you need to add lines like:

```
<!-- ###SUB_INCLUDED_FIELD_myNewFieldname### -->
<dt>###LABEL_MYNEWFIELDNAME###</dt>
<dd>###FIELD_MYNEWFIELDNAME###</dd>
<!-- ###SUB_INCLUDED_FIELD_myNewFieldname### -->
```

or

```
<!-- ###SUB_INCLUDED_FIELD_myNewFieldname### -->
<dt>###LABEL_MYNEWFIELDNAME###</dt>
<dd>###TCA_INPUT_myNewFieldname###</dd>
<!-- ###SUB_INCLUDED_FIELD_myNewFieldname### -->
```

Modify the TS template Constants and Setup

Using the Constant Editor, modify the value of the following constants of plugin tx_srfeuserregister_pi1:

- **formFields**: add to the list of fields the names of the fields you have defined and want to be displayed in the Frontend form. If the field is not in this list, the subpart
  `<!-- ###SUB_INCLUDED_FIELD_myNewFieldName### -->` will be deleted;

- **requiredFields**: add to the list of fields the names of the fields you have defined and want to be treated as required fields. If the field is not in the list OR if the field is in this list and is correctly filled, the subpart
  `<!-- ###SUB_REQUIRED_FIELD_myNewFieldName### -->` will be deleted.

You may also specify in the TS template Setup some default values and validation rules to be applied by the extension to the additional fields.

If there are no validation rules, you should set:

`plugin.tx_srfeuserregister_pi1.create.evalValues.myNewFieldname =`

If your field is a select field and if you wish to enable multiple selection, you should also set:

`plugin.tx_srfeuserregister_pi1.parseValues.myNewFieldname = multiple`

Add the language labels for the new fields

The language labels for the additional database fields should be added in Step1 above. These will be used by the Backend forms.

The language labels used by the Frontend plugin should be added in the TS template setup using the method described in the Localization section of this document. For each language of interest to you with languageCode, you may need the following statements for each additional field with myNewFieldName:

The basic field label:

`plugin.tx_srfeuserregister_pi1._LOCAL_LANG.languageCode.myNewFieldname = myNewFieldLabel`

The message displayed when the field is required but missing:

`plugin.tx_srfeuserregister_pi1._LOCAL_LANG.languageCode.missing_myNewFieldname = missingRequiredFieldMessage`

Same as previous but for the invitation form:

`plugin.tx_srfeuserregister_pi1._LOCAL_LANG.languageCode.missing_invitation_myNewFieldname = missingRequiredFieldMessageOnInvitationForm`

The message displayed when a validation rule evalRuleName applicable to the field is not satisfied:

`plugin.tx_srfeuserregister_pi1._LOCAL_LANG.languageCode.evalErrors_evalRuleName_myNewFieldname = errorMessageForEvalRule`

Known Problems

Although the Frontend user may enter a date of birth before 1970, the date cannot be edited on the back end form, as TYPO3 does not provide support for such dates.

Please see/report problems in the TYPO3 Bugtracker under project tx_srfeuserregister.

To-Do List

A number of useful features could be added to this extension. Some of these features are listed below. If you have developed such enhancements and would like them to be integrated into the base extension, or if you would be interested in sponsoring any such enhancements, please contact the author.

Possible feature enhancements:

- If email address is used as username and email confirmation request is enabled, send confirmation request when the email address is edited;
- offer a registration process by regular mail;
- use SMTP to send emails;
- allow to change the date entry and display format.

Please see/submit feature requests in the TYPO3 Bugtracker under project tx_srfeuserregister.

Change Log

Version:	Changes:
0.1.0	Initial version.
0.2.0	Bug fix: hidden (alias disable) field was not being set correctly. Finnish translation merged. Thanks to the translator.
0.3.0	German translation merged. Thanks to Simon Amu.
0.4.0	Danish translation merged. Thanks to Sig N. Jepsen.
0.7.0	Bug fix: too many variables were carried forward and caused dialogue failure in some configurations. Bug fix: the value of **registerPID** was used instead of **confirmPID**, resulting in incorrect links in some configurations. Two new configurations constants: **formName** and **onChangeCountryAttribute**, and new marker **###FORM_NAME###** in HTML template. Emails will be sent with the character set specified by config.metaCharset. New marker **###CHARSET###** in HTML emails template subparts.
0.7.2	Swedish translation merged. Thanks to the translator.
0.7.3	Two new fields added: first_name and last_name. Size of various fields modified to conform to specifications of payment gateways (ref.: Authorize.net).
0.7.6	In a single-tree multilingual context, the language variable, or "L" piVar, will be forwarded in the email message requesting confirmation, so that they will link back to the correct language.
0.7.7	In a single-tree multilingual context, alternate language records on the page containing the front end user records (pid) will be used when generating the HTML. Fix: Rendered HTML content is wrapped in CSS base class.
0.8.0	If you are using simulateStaticDocuments, beware of the new property simulateStaticDocuments_pEnc_onlyP since Typo3 3.6.0. See the Configuration section. Two new configurations constants: file.attachmentFile and enableEmailAttachment allow to add an attachment to the registration confirmation email. An idea proposed by Volker Graubaum <vg@e-netconsulting.de>.
0.9.0	The field module_sys_dmail_html (defined by the Direct Mail extension) may now be set and maintained by the front end user. If the Direct Mail extension is not installed, the field will be added to the TCA by the extension. Mails sent by this extension will also be plain or HTML, depending on the user's setting. The HTML template subparts ###TEMPLATE_CREATE### , ###TEMPLATE_CREATE_PREVIEW### , ###TEMPLATE_EDIT### and ###TEMPLATE_EDIT_PREVIEW### have been modified to incorporate this field.
0.9.1	Correction: confirmation email was always in html format regardless of user setting. Correction: if user refused to confirm, files/images associated with the record were not deleted even when forceFileDelete was on.
0.10.0	A new feature allows to send an invitation to register. See the new template subparts in section HTML Template and Template Markers. See also section Sending invitations. The field image is now supported allowing the user to upload and maintain a set of images. The HTML template subparts ###TEMPLATE_CREATE### , ###TEMPLATE_CREATE_PREVIEW### , ###TEMPLATE_EDIT### and ###TEMPLATE_EDIT_PREVIEW### have been modified to incorporate this field. The enctype attribute has been added to the <form>-tags of these same subparts in order to enable file uploads. The forceFileDelete TS constant has been added. See the Configuration section.
0.10.1	Corrections to the **Configuration steps** described in the Configuration section of this document regarding access restriction settings. Correction to TCA to avoid double rendering of field module_sys_dmail_html in backend form, when DirectMail extension is already installed.
0.11.0	Usergroup override on edit has been deleted from default setup. Update of Spanish translation. Merge of a few Hungarian labels. New TS properties: **enableAutoLoginOnConfirmation** and **autoLoginRedirect_url**. See Configuration section.
0.11.1	Merge of Croatian and Dutch translations. Thanks to the translators.
0.11.3	Update to Dutch and German translations. Addition of Norwegian translation. Thanks to the translators.
0.11.4	Correction of misbehavior of the invitation feature when a front-end user is logged in.
0.11.5	A number of markers of the form ###EVAL_ERROR_FIELD_fieldname### , ###TEMPLATE_CREATE### , ###TEMPLATE_INVITE### and ###TEMPLATE_EDIT### were missing in subpart markers template. As a result, validation error messages were not displayed.

Version:	Changes:
0.11.6	Initial version of this document on how to add fields to the fe_users table and the registration form.
0.11.7	Correction of defective assignment of multiple usergroups upon confirmation of registration. Change to default behavior: usergroup (list of usergroups) included in setfixed hash.
0.11.8	Documentation change. See section Using frames.
0.11.9	Correction for charset utf-8 and languages not encoded in iso-8859-1.
0.11.10	Correction for charset sets other than iso-8859-1 and utf-8. Addition of Internet site url validation.
1.0.0	Some improvements to the tutorial section. Update to Finnish translation. Fine tuning to avoid some setup errors.
1.0.1	Addition of Italian translation. Thanks to the translator.
1.0.2	Addition of a new field: date of birth.
1.1.0	Front end support of date of birth before 1970. No corresponding back end support.
1.1.1	Update to the Dutch and Finnish translations.
1.2.0	Some structural changes for ease of extension. Compatibility with Direct Email extension re-established. See Configuration section.
1.3.0	Integration of hooks for upcoming extension by David Worms. Fix to form JavaScript for Typo3 3.5.0 and some client browsers. Addition of Brazilian, Polish and Russian translations.
1.3.1	Update to Dutch and German translations.
1.3.3	Update to the Russian translation.
1.3.4	Correction to incorrect validation errors when the email field is not part of the required fields. Also correction to the email field subpart in the following main subparts of the HTML template: ###TEMPLATE_INVITE### and ###TEMPLATE_EDIT###.
1.3.5	Update to the Norwegian translation.
1.3.6	Correction to the handling of check arrays.
1.3.7	Update to the Italian and Swedish translations. Correction to the url's sent in informal when enableEmailConfirmation is set to 0.
1.3.8	Correction to registration confirmation post-processing hooks. Correction to the deletion preview page: the button to cancel the deletion and go back to the form did not work. Correction to image deletion in some cases. New TS constant maximages allows to configure the number of images that may be uploaded. Easing extension with text, check, radio and select controls, including text, radio and select example fields.
1.3.9	Selection lists were missing a closing select tag.
1.3.10	New installation variable: Image upload folder.
1.3.12	Update to Czech and Finnish translations.
1.3.13	Correction: avoid to reset the name field when none of the fields name, first_name and last_name are present on the edit form.
1.4.0	New FAQ on compatibility with CHC Forum and User Listing of New Front End Login Box. Thanks to Sebastian Stanger. Support for multiple check boxes fields. Thanks to Ries van Twisk for sharing his code. Field module_sys_dmail_category is added as an example of such field. Update to the locally extended t3lib_htmlmail class. Setting the return path of html mails equal to TS constant email.
1.5.0	New TS constant useEmailAsUsername enables the use of the email address as username.
1.5.1	Update to the Spanish, Finnish, Russian and Croatian translations.
1.5.2	Update to the Dutch translation.
1.5.3	Allow email address editing when useEmailAsUsername is not enabled.
1.5.4	Correction: rendering charset incorrectly set in some configurations. Thanks to Simon Ihmig.
1.5.5	Correction: userFunc_afterSave was not supported in processSetFixed. Thanks to Ingmar Schlecht.
1.5.6	Correction: value of selected item in TCA-driven selection list was not taken from TCA. Thanks to Dietrich Heise.
1.5.7	Three new hooks. Thanks to Ries van Twisk. Documentation and example of hooks. Adjustments to the hooks introduced in version 1.5.6 and to their documentation.

Version:	Changes:
1.5.8	The allowed file types and maximum size of uploaded images may be configured on the extension installation page. See the configuration section. Error messages will be displayed if any uploaded file does not comply with the specified constraints. A "Are you sure...." JavaScript popup dialog will be displayed when the user hits a delete image icon, so that he may change his mind.
1.5.9	New TS Constant allows to specify an additional page to link to when user profile editing is complete. New TS Constant, companion to the preceding one, allows to add an "Update and continue..." button on the profile editing page, or on the profile editing preview page when enabled, that will update the profile and link to an additional page. HTML template subpart markers ###TEMPLATE_EDIT### and ###TEMPLATE_EDIT_PREVIEW### are updated to support this feature. Support TCA-driven multiple selection drop-down lists. Allow selection of user group on registration/editing form. The HTML template subparts ###TEMPLATE_CREATE###, ###TEMPLATE_CREATE_PREVIEW###, ###TEMPLATE_INVITE###, ###TEMPLATE_INVITE_PREVIEW###, ###TEMPLATE_EDIT### and ###TEMPLATE_EDIT_PREVIEW### have been modified to incorporate field usergroup. Three new TS Constants allow to configure this feature: allowUserGroupSelection, allowMultipleUserGroupSelection. usergroup field removed from default value of constant formFields. Add table fe_groups.language_overlay so as to allow localization of user group title. New FAQ on configuration of field module_sys_dmail_category.
1.6.0	Update to the Brazilian, Czech, Finnish and German translations.
1.6.3	Update to the Italian translation. Correction: local validation of email duplicates did not work. Thanks to Armin Günther for this correction. New TS Constant pidTitleOverride allows to override the title of the System Folder containing the front end user records when the title is used in some online and/or email messages.
1.6.5	Correction: a superfluous quote was added on the option tags of some TCA-driven selector boxes, causing incorrect behavior in IE. Turkish translation added.
1.6.6	Correction to the usergroup language overlay. Thanks to Rakowski Tomasz. Correction to TCA-driven select field with values from foreign table. Thanks to Rakowski Tomasz. Update to step 3 of the tutorial for the case of multiple selection fields.
1.6.7	Fix a possible problem with PHP 5 and the option allow_call_time_pass_reference which will likely be removed in future versions of PHP and create error messages. Thanks to Stefan Galinski for pointing that out. Corrections to the useEmailAsUsername feature. Take into account the user preference regarding html emails when sending informals (used by sr_email_subscribe). Add a few labels. Add an 'en_US' localization for the frontend of the extension. Manual reviewed for US market. Thanks to Alex Heizer.
1.6.8	Corrections to a few glitches introduced in version 1.6.7. New TS constant confirmInvitationPID.
2.0.0	New TS constant saluation allows to switch salutation mode. New TS constant useMd5Password enables mod5-hashed passwords when extension KB MD5 FE Password (kb_md5fepw) is installed. HTML templates should be updated with markers ###FORM_ONSUBMIT### and ###PASSWORD_ONCHANGE###. See the example HTML templates. subparts ###TEMPLATE_CREATE_SAVED### and ###TEMPLATE_SETFIXED_CK### marker is also added to subparts ###HIDDENFIELDS### and ###TEMPLATE_SETFIXED_CK###. Two TS Static Templates: FE User Registration CSS-styled and FE User Registration Old Style, and modified installation instructions. New xhtml css-styled template. Thanks to Sebastian Roth for his numerous updates. In order to use the xhtml ccs-styled template, version 1.4.9+ of Static Info Library (sr_static_info) is required. Remove updateForm JavaScript from preview screens in CSS-styled template. Correction: the multiple user group selection feature did not work. Generate password when inviting and useMd5Password is enabled. New administrative review feature: new TS constants enableAdminReview and userGroupAfterAcceptation. Several new main subpart markers.
2.1.0	Major correction to the CSS-styled html template: backtracking on the use of button elements of type submit because their behavior is erratic in Internet Explorer 6 and break a number of screens of the extension. Most of them are replaced by input elements. Some further adjustments to the CSS-styled template. Simplification of the default CSS styles. In particular, most color and font styling has been eliminated.
2.2.0	Further correction due to IE mishandling of button elements of type button. Eliminated all button elements from the html template. Added a note on upgrading to version 2 in the configuration section.
2.2.1	Enable the optional use of flexforms in the backend. Thanks to Franz Holzinger. New extension configuration variable.
2.2.2	Eliminate error subpart when a required field is missing but no other validation error is raised. Minor improvement to html template. Thanks to Franz Holzinger. Use backURL linkVar to link back from the edit page, after saving, to some referring extension such as tt_products. Allow to override TCA labels in TS template setup. Correction: setting usergroupAfterConfirmation. usergroupAfterAcceptation did not work if the original usergroup assigned at creation was changed by usergroupAfterConfirmation. Add generateUsername constant and setup property. Add registrationProcess_beforeConfirmCreate hook. Thanks to Pieter Verstraeten.

Version:	Changes:
2.2.3	Update to Danish, Norwegian and Turkish translations.
2.2.4	Correction to the generateUsername property; when set, the username was erased on editing the profile. For TCA-driven select fields, if no default value is set in TS template, apply default value from TCA, if present.
2.2.5	Correction to the useEmailAsUsername property; when set, the username was erased on editing the profile.
2.2.6	Correction to incorrect configuration of RTE in ext_tables.php.
2.2.7	Enable lost password and username sent for an email address --> will only be available with version >= 2.5.4 again.
2.3.0	Remove changes to the TCA for fields module_sys_dmail_category and module_sys_dmail_html. Ignore fields module_sys_dmail_category and module_sys_dmail_html if direct_mail extension is not loaded. Enable support for select fields with MM relations, in particular module_sys_dmail_category, including localization when configured on the foreign table. Add constant and setup property module_sys_dmail_category_PIDLIST. Accept value '0' on required fields (see bugtracker issue #2027). Honor TCA default value for TCA-driven multiple checkboxes. Thanks to Simon Tuck. Update to Danish translation. Thanks to Peter Klein. On edit, do not reset the username if we have no new value. Add short URL's feature and TS constants useShortUrls and shortUrlLife. Thanks to Steve Webster. Modification to plugin initialization and plugin class constructor. Remove locally extended t3lib_htmlmail as all known problems have been corrected in TYPO3 4.0. TYPO3 4.0 is required.
2.3.1	Adjustments to make the extension compatible with system extension Database Abstraction Layer (dbal). Correct bugtracker issue 2912: some missing slashes. Preserve <url> constructs in plain text html template. See bugtracker issue #1966. Add TS setup property extraLabels. Thanks to Dmitry Dulepov. Two new TS constants, enableAdminNotifyOnAdminAccept and enableAdminNotifyOnAdminRefuse. Remove locally defined quoteJSvalue and getUpdateJS (fixed in TYPO3 4.0). Use TCA-driven field module_sys_dmail_html in css-styled template. If user group selection is enabled on edit, keep user groups set by confirmation or acceptation. Ensure that case shifting operations on markers are performed using C locale.
2.3.2	Use cObj->caseshift for case shifting operations on markers.
2.3.3	Correction: missing inclusion of t3lib_htmlmail.
2.3.4	Correction: incorrect email url's when config.absRefPrefix is used. New TS constant enableAutoLoginOnCreate. Update to the structure of the manual.
2.3.5	Honor TCA setting renderMode = checkbox for columns of type select when static template css-styled is used. Thanks to David Bocher.
2.3.6	CSS adjustments for multiple checkboxes.
2.4.0	Correction to an improbable failure. Thanks to Rupert Germann. Small corrections to the manual. Correction to informal screen display for sr_email_subscribe. Correction to path to icon in default css of css-styled static template. Correction to back path of the delete dialog. Convert all language files to xml format.
2.5.0	Remove dependency on Static Info Library (sr_static_info). The extension now requires Static Info Tables (static_info_tables) version 2.0.0. Correction for missing html/specialcharacters statements.
2.5.1	Update to Russian translation. When a foreign table is used on a select field, sort values according to the sortby field specified in TCA. Fix bugtracker issue 3992: Hook not working: confirmRegistrationClass_postProcess. Remove duplicate class attributes on multiple statements of the css-styles html template. Remove deprecated wrap attribute from dynamically-generated textearea html statements. Remove for attribute from label tag of "gender" radio buttons field in css-styled html template. onchange and onsubmit attribute names should be lowercase.
2.5.2	HTML clean links. Direct Mail categories can be overwritten from TypoScript. More notification fields in the standard CSS template.
2.5.3	Update to Chinese translation. More German translations.
2.5.4	Split pi1/locallang.xml into separate files for each language in l10n/pi1. Message for lost password is possible: v_registration_informal_message1
2.5.5	strWrap to overrideValues for code generatePassword feature captcha support for email address subscription -- by Ralph Brugger
2.5.6	start with internal restructuring of the code
2.5.7	This should work with sr_email_subscribe 1.2.0+
2.5.8	enableEmailOnUpdate = 2 to send only the changed fields in an email if a user alters his data where static_countries to limit the displayed countries in the select box