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## Upgrade notes to 1-5

Version 15, last updated by [meijer](#) at 2014-06-25

This page outlines the upgrade notes for the FileSender **1.5** release  
 Upgrading to FileSender 1.5  
 These upgrade notes document upgrading from 1.0.1, 1.1 and 1.1.1 to version 1.5. If you are currently running a 1.5 beta, you can follow these notes but please also consult the [Installation notes for 1-5 development code](https://www.assembla.com/spaces/file_sender/wiki/Installation_notes_for_1-5_development_code)  
 What changed?  

- the client-side UI is rewritten to HTML + JavaScript. Unless uploading with a legacy browser, Flash is no longer needed
- version 1.5 uses the HTML5 FileAPI for uploads larger than 2GB, Gears is no longer needed
- non-HTML5 browsers (typically older browsers) fall back to a small (invisible) Flash component for uploading, the UI is the same as for HTML5 uploads. Please note Flash upload is limited to max. 2GB.
- FileSender 1.5 introduces a database abstraction layer to be able to use

either PostgreSQL or MySQL based on PDO (available on most default PHP installs)

- the upload process has been made more robust, necessitating a change in the database definitions
- the FileSender 1.5 web UI is multi-language. Distribution-provided language files are found in the /language directory. You can create local overrides in your config directory.
- all local customisation now takes place in the config directory. Files in this directory are not changed on upgrades with the exception for config-dist.php.
- the distribution no longer comes with a config.php, you need to create an initial working config.php from the config/config-dist.php template
- several configuration directives have been added, others removed, and the semantics and/or syntax of several others has changed
- chunk size is now a configuration file option. `$config["upload_chunk_size"] = '2000000';`
- default FileSender logging now only logs on errors**. Your log directory should now be empty.

### The upgrade process summarized

You can use the **same database** and **file store you used** for previous FileSender versions, but you'll have to update the database definitions.

What you'll need to do to upgrade is:

1. backup your database
2. backup your filesender installation, especially if you've made local modifications to pages or code
3. upgrade the database definitions
4. install the 1.5 code from packages or by unpacking the tarball
5. create a fresh configuration file with sane defaults from the config/config-dist.php template
6. make local modifications, pay special attention to changed config file directive semantics, and the help and about

### Upgrade your database definitions

You can use your existing database but you'll need to update some database field definitions:

- To prevent problems with files sent to multiple recipients exceeding (when combined) 250 characters, manually alter the fileto and logto types to TEXT.
- Adjust the column sizes for 'fileauthuserid' and (if not already done) 'fileip6address' in the 'files' database table.

The changes are:

```
#sudo -u postgres psql filesender<br><span>      </span>ALTER TABLE files ALTER fil
eto TYPE text;<br><span>      </span>ALTER TABLE logs ALTER logto TYPE text;<br>
<code><span>      </span>ALTER TABLE files ALTER fileauthuserid TYPE character varyin
g(500);
<span>      </span>ALTER TABLE files ALTER fileip6address TYPE character varying(45);

\q
```

When you're done the **files** and **logs** tables should look like this:

filesender=# \d  		List of relations 		Schema	Name
Type	Owner	 -----+-----+-----+----- 			
public   files		table	filesender 	public	files_fileid_seq   se
quence   filesender 	public	log_id_seq	sequence	filesender 	public
logs	table	filesender  	filesender=# \d files 		
Table "public.files" 		Column		Type	
Modifiers		 -----+-----+-----+----- 			
----- 		  fileto			
text		  filesubject		character varying(250)	
  filevoucheruid		character varying(60)		  filemessage	text
  filefrom		character varying(250)		  filesize	bi
gint		  fileoriginalname		character varying(500)	<
  filestatus		character varying(60)		  fileip4address	chara
cter varying(24)		  fileip6address		character varying(45)	 
filesendersname		character varying(250)		  filereceiversname	character
varying(250)		  filevouchertype		character varying(60)	  file
uid		character varying(60)		  fileid	integer
not null default nextval('files_fileid_seq'::regclass) 	fileexpirydate	tim			
estamp without time zone	  fileactivitydate	timestamp without time zone	<b		
r> fileauthuserid	character varying(500)		  filecreateddate	timest	
amp without time zone	  fileauthurl	character varying(500)	 		
fileauthuseridemail	character varying(255)		 Indexes: 	"files_pkey" P	
RIMARY KEY, btree (fileid)  	filesender=# \d logs 				
Table "public.logs" 		Column		Type	
Modifiers		 -----+-----+-----+----- 			
----- 		  logid			
not null default nextval('log_id_seq'::regclass) 	logfileuid	character va			
rying(60)	  logtype	character varying(60)		  logfrom	
character varying(250)	  logto	text			
  logdate		timestamp without time zone	  logtime	time with	
time zone	  logfilesize	bigint		  logfile	
name	character varying(250)	  logsessionid	character varying(60)		
  logmessage	text		  logvoucheruid	characte	
r varying(60)	  logauthuserid	character varying(500)		 Indexe	
s: 	"logs_pkey" PRIMARY KEY, btree (logid) 				

**./config directory**

As of 1.5-beta2 the ./config directory as distributed only contains a sample config-dist.php file. All other templates/sample files have been moved to ./config-templates or their contents have been merged into the ./language/ files. This means that when unpacking a release file won't overwrite existing configuration files. To get a working configuration copy config-dist.php to config.php and make the appropriate changes in config.php.

**Avoid surprises and start with a fresh configuration file**

New configuration directives have been added, others deprecated and at least one changed semantics. Avoid surprises and start with a fresh configuration file. **Copy config/config-dist.php to config/config.php. This will ensure you start with sane defaults.**

**Configuration file changes you need to be aware of**

Check the [Administrator Reference Guide](#) for details about the individual directives.

**New:**

```
$config['site_defaultlanguage'] = 'en_AU';
$config['max_html5_upload_size'] = '107374182400'; // 100 GB
$config['upload_chunk_size'] = '2000000';//
$config["displayerrors"] = false; // Display debug errors on screen (true/false)
```

For those who want extra security:

```
$config['cron_shred'] = false; // instead of simply unlinking, overwrite expired
$config['cron_shred_command'] = '/usr/bin/shred -f -u -n 1 -z'; // overwrite once
```

## Default language

The previously unused `$config['site_defaultlanguage']` setting is as of 1.5-beta2 used to set a default language when the browser has an unsupported language preference. The (new) default is 'en\_AU'.

```
$config['site_defaultlanguage'] = 'en_AU' ;
```

## Configuration of database parameters

Configuration of the database connection parameters in `config.php` has changed to a database-type independent method. The old PostgreSQL-specific `pg_` settings are now obsolete and must be replaced with their new equivalents (db\*) *including a specification of the database type*:

```
$config["db_type"] = "pgsql";// pgsql or mysql
$config['db_host'] = 'localhost';
$config['db_database'] = 'filesender';
$config['db_port'] = '5432';
// database username and password
$config['db_username'] = 'filesender';
$config['db_password'] = 'yoursecretpassword';
```

## Changed semantics:

```
$config['datedisplayformat'] = "d-m-Y"; CHANGED SEMANTICS: now only used for ema
about, help
```

The `$config['datedisplayformat']` is at this moment still used for formatting the expiry date of a file/voucher in outgoing mails.

Note: The display format of dates has been changed to use the [PHP-format](#) (instead of the previously used Flex format). The old format used in 1.1 was DD-MM-YYYY which when used in 1.5 will give you something like 'WedWed-SepSep-2011201120112011'. Please keep this in mind when transferring a custom format from a `config.php` in 1.0.x or 1.5 svn versions dated before August 24th 2011.

## Moved to the language files:

```
$config["AuP_label"] -> $lang["ACCEPTTOC"]
$config["AuP_terms"] -> $lang["AUPTERMS"]
$config["site_splashtext"] -> $lang["SITE_SPLASHTEXT"]
```

## About, Help and AuP text

As of [revision.858](#) the semantics of `aboutURL` and `helpURL` in the `config.php` have changed. They can now point to a *page* resulting in a new page being opened in a new tab, or they can be empty, resulting in a popup. The new defaults as of 1.5 are the empty value (""). Note that the popups are "not popups as per opening a popup window but modal inline popups that have nothing to do with popup blockers.". The popup is populated from the language file, using `HELP_TEXT` and `ABOUT_TEXT`. You can have a localised override in your config directory [TBD].

Relevant `config.php` directives:

```
$config['aboutURL'] = "";
$config['helpURL'] = "";
```

Relevant settings in language files:

```
$lang["HELP_TEXT"]  
$lang["ABOUT_TEXT"]  
$lang["AUPTERMS"]
```

#### Deprecated:

```
$config['max_gears_upload_size'] = '107374182400'; // 100 GB  
$config['gearsURL'] = 'http://html5test.com/';
```

#### No longer used: temp directory

as of revision:871 the temp directory is no longer used for FileSender specific actions. This means the config directive `$config['site_temp_filestore']`; is no longer used. If you have configured PHP to use the previously configured `site_temp_filestore` you can keep that directory and it will still be used for Flash uploads. The setting and use of that directory is now however only defined in the site-wide PHP settings. It is still advised to keep that directory on the same disk partition as the FileSender filestore.

#### Date format configuration

There are three places where date formats are configured. If you want to customise the date format make sure to change **all three** to ensure a consistent date format experience for your users.

- config.php: `$config['datedisplayformat'] = "d-m-Y";` // used for date format in emails
- language file (e.g. `en_AU.php`): `$lang['datedisplayformat'] = "d/m/Y";` // Format for displaying date/time, use PHP `date()` format string syntax
- language file (e.g. `en_AU.php`): `$lang["DP_dateFormat"] = 'dd/mm\yy';`

#### Dealing with language files

Version 1.5 supports multiple language files. Please check the [Administrator Reference Guide](#) for details about [dealing with language files](#) and [customisation](#)

#### Debian .deb and moving from SimpleSAMLphp 1.6.3 to 1.8.x+

The unstable and testing repositories have SimpleSAMLphp 1.8.x packages. As of version 1.7.0 the Debian SimpleSAMLphp packaging switched the default baseurl from 'simplesaml/' to 'simplesamlphp/' to adhere to standard Debian policies. This change is also refelected in the FileSender packages in testing and unstable. This might break upgrades from previous versions that were installed with SimpleSAMLphp version 1.6.3. Please check the relevant settings in `/etc/simplesamlphp/config.php`, `/etc/filesender/config.php` and your webserver config (Alias statements).

Comments are disabled for this space. In order to enable comments, Messages tool must be added to project. [You can add Messages tool from Tools section on the Admin tab.](#)