

## SiteGround / cPanel Tutorial

This guide will walk you through the setup process and installation steps for eFront version 3.1.3. SiteGround and cPanel were selected as reference, but the procedure is pretty much the same for any hosting provider.

The guide assumes you have some experience in using cPanel as well as setting up a domain. For the sake of the examples, we will use the “venakis.org” domain.

Note: SiteGround by default uses PHP 5.0.5, but it also supports 5.2.x. Although eFront will run normally with PHP 5.0.5, You are **strongly** recommended to set up server to use 5.2.x (for instructions, visit [http://kb.siteground.com/article/How\\_to\\_have\\_different\\_Php\\_MySQL\\_versions.html](http://kb.siteground.com/article/How_to_have_different_Php_MySQL_versions.html))

### Step 1: Upload and uncompress file.

1.1 Upload the eFront archive to the /public\_html/ folder in the filesystem. “public\_html” is the folder where requests are served by default.

1.2 Right click on the uploaded file, efront\_3.1.3.zip and select “Extract”.

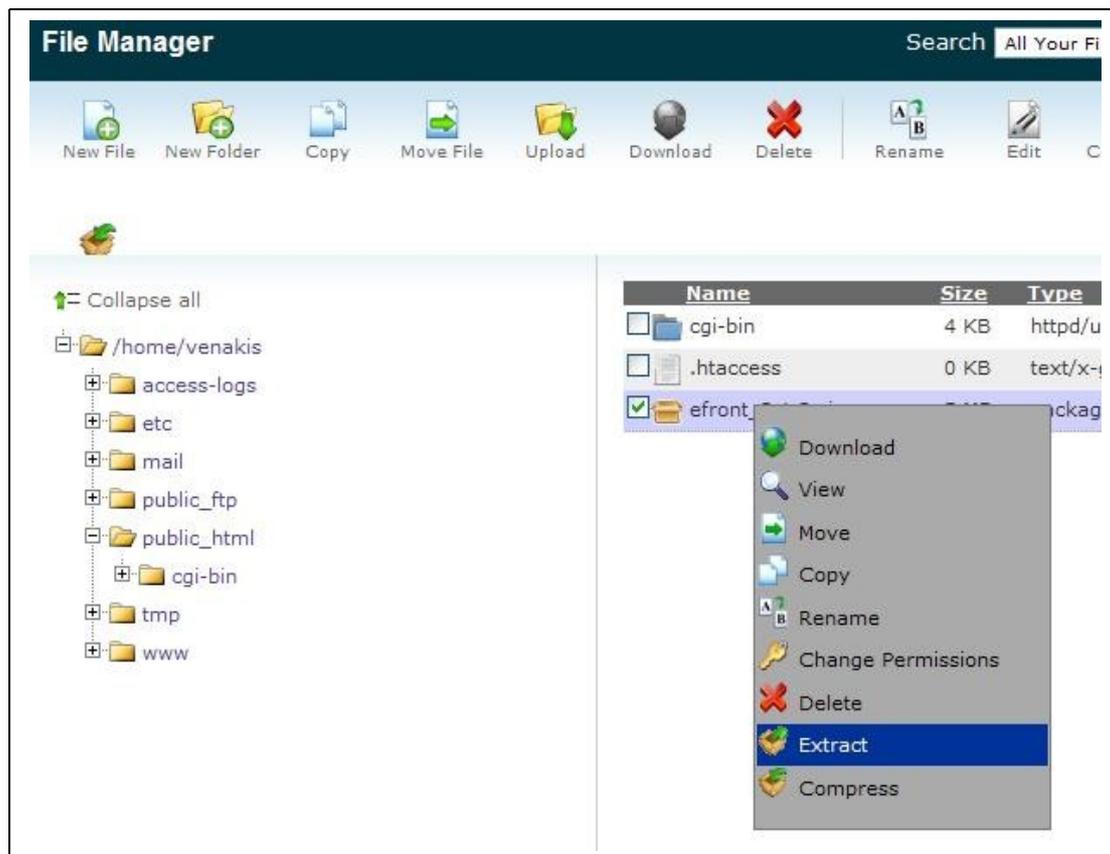


Image 1: Extract the uploaded file

1.3 The extraction folder will be the current folder, “/public\_html/”

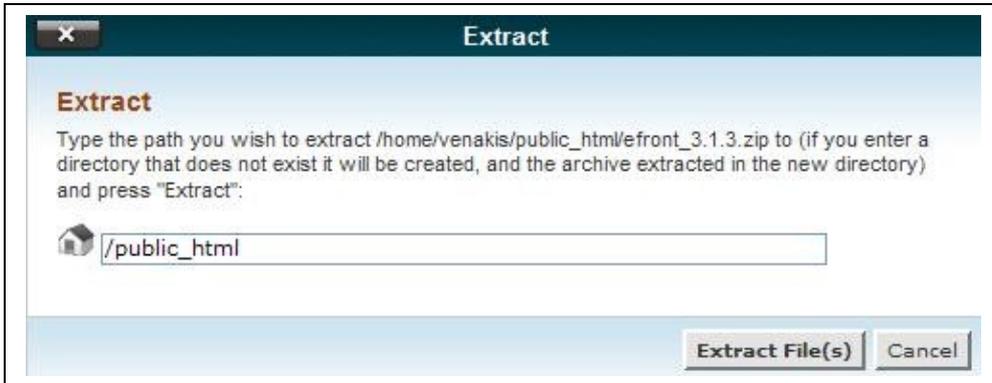


Image 2: Extract the zipped archive to the current folder

1.4 After extracting the file, a folder named “efront/” must exist inside “/public\_html/”

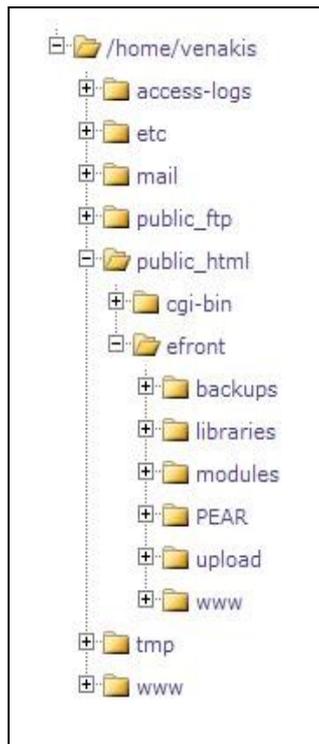
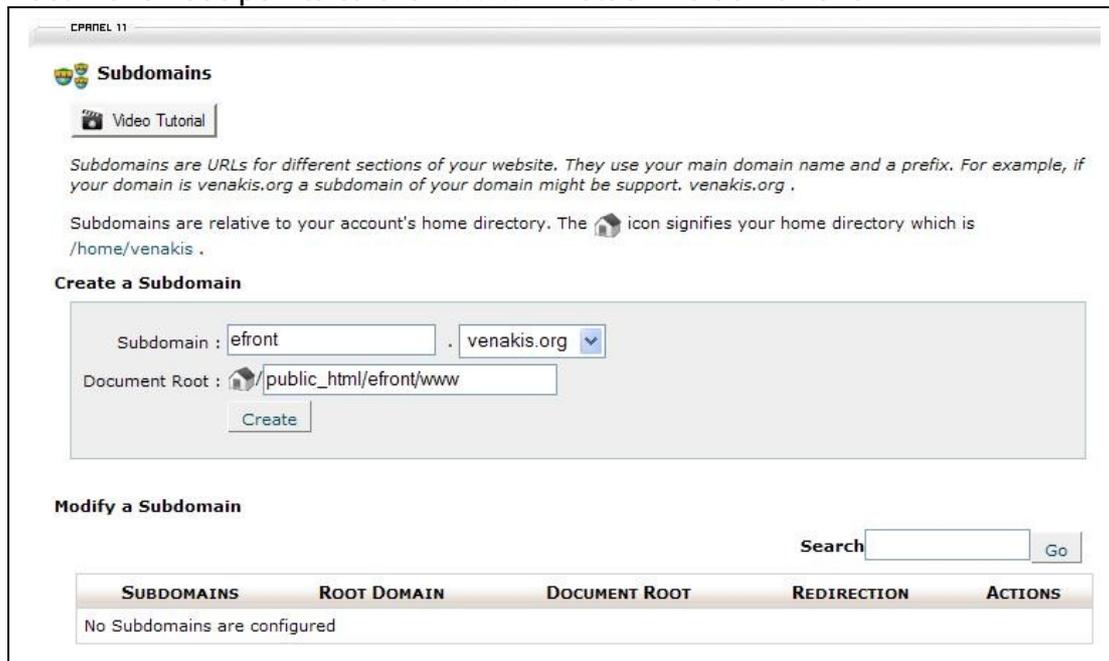


Image 3: After extraction, the directories structure should match the one shown here

## Step 2: Create subdomain

2.1 Go to the “subdomains” section of the cPanel. Create a new subdomain called “efront.venakis.org” and set the subdomain Document Root to be “/public\_html/efront/www/”

**Important:** If you have placed eFront in another folder, make sure that the Document Root points to the “www/” folder inside “efront/”



**Image 4:** Create a new subdomain, which will be used for eFront

2.2 After creating the subdomain, it displays in the subdomains list:



**Image 5:** The subdomain was created successfully

**Step 3: Create database and database user.**

3.1 Visit the MySQL Databases section in cPanel and create a new database called, for example, “efront”.



**Image 6:** Create a new database

Watch that the database created will be named “venakis\_efront”

3.2 Create a new database user called, for example, “sqluser”

**MySQL Users**

**For security reasons we strongly recommend that you create separate mysql users with passwords different from cpanel user's password.**

**Add New User**

Username:  \*Seven characters max

Password:  Password Strength: Very Strong

Password (Again):

Image 7: Create a new database user

Watch that the database user created will be named “venakis\_sqluser”

### 3.3 Assign the created database to the created user

**Add User To Database**

User:  ▼

Database:  ▼

Image 8: Assign the newly created user to the newly created database

Make sure that you give the user all privileges to the efront database

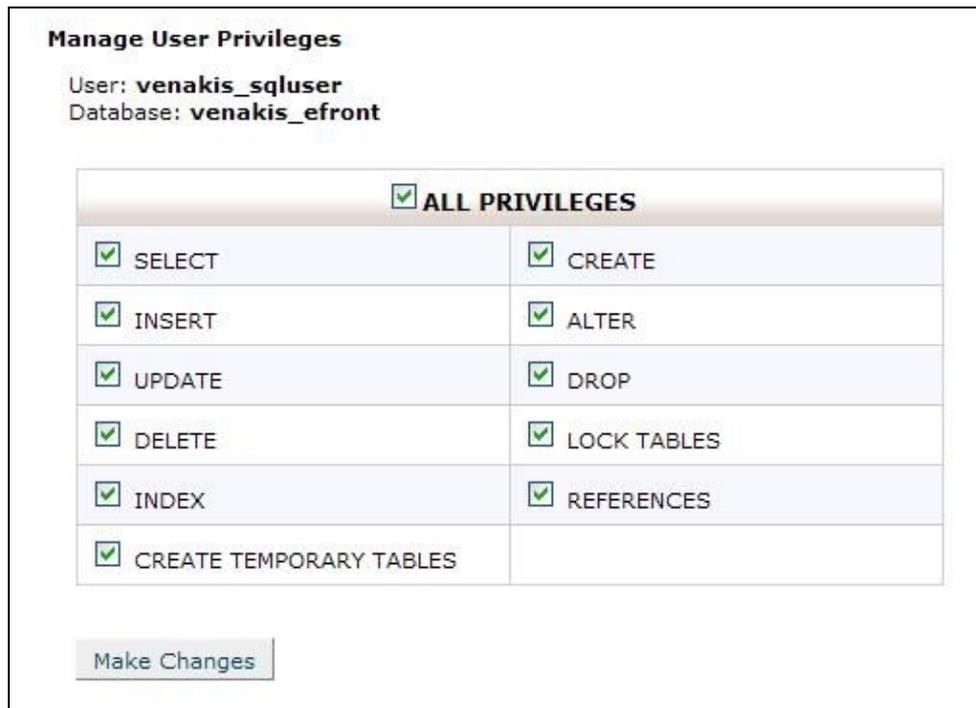


Image 9 Assign all privileges for this database on the selected user

3.4 The assignment completed successfully and cPanel displays the corresponding information

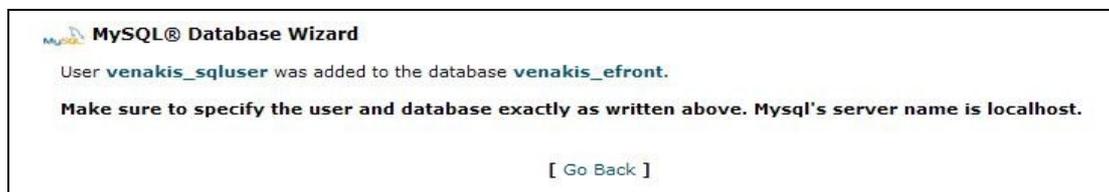


Image 10: Database setup completed successfully

#### Step 4: Install eFront

4.1 Visit the address <http://efront.venakis.org>. This should automatically redirect you to <http://efront.venakis.org/install/install.php> which is the installation script.

Click on the “New installation” link



Image 11: The efront installation script start page.

4.2 The installation now displays the system requirements. Options marked with a “warning” icon are recommendations, while options marked with a “forbidden” icon denote required features missing.

Recommended Software			
Name	Installed Version	Recommended	Status
Platform	Unix	Any	✓ ⓘ
PHP	5.0.5	5.2.0 or newer	✓ ⓘ
Web server	Apache/1.3.37	Apache 2.x or newer	⚠ ⓘ

Image 12: Settings marked with a warning sign are recommendations, but the system will run without them

PEAR compatibility	
Package	Status
PEAR.php	✓ ⓘ
HTML/QuickForm.php	✓ ⓘ
HTML/QuickForm/Renderer/ArraySmarty.php	✓ ⓘ
Mail.php	✓ ⓘ
Net/SMTP.php	✓ ⓘ
Net/Socket.php	✓ ⓘ

Image 13: PEAR classes must be present in order for the installation to continue

4.3 Click on the “Continue” button to proceed to the database settings page. These should be filled in as follows:

- Database host is normally “localhost”
- Database user is the user you created in step 3, for example “venakis\_sqluser”
- Database password is the password you entered for that user
- Database name is the name of the database you created in step 3, for example “venakis\_efront”

**Database settings**

Database type: MySQL \*

Database host: localhost \*

Database user: venakis\_sqluser \*

Database password: \*\*\*\*\* \*

Database name: venakis\_efront \*

\* Denotes mandatory fields

Image 14: Database settings match those provided in the database creation step

4.4 Click on the “Continue” button to setup the database and go to the system settings page. Normally, you don’t have to change nothing in this page, so it is safe to just press continue again.

**Core Server Settings**

Default Language: english

Server name: http://efront.venakis.org/ \*

Server port: 80 \*

Root path: /home/venakis/public\_html/efront/ \*

Caching:

Cache timeout: 3600

**Additional System Settings**

Automatic registration:

Single language:

Allow user signup:

Show footer:

IP white list: \*.\*.\*.\*

IP black list:

File extensions white list:

Image 15: System settings are set to default values and normally need not to be changed

4.5 The next page is the users page. You must enter the administrator account settings. By default, a “professor” and a “student” account are created also, as well as sample lessons.

The image shows a web-based installation wizard for eFront. It is divided into two main sections: 'Administrator Account' and 'Professor Account'. Each section contains several input fields for user information, each with a red asterisk indicating a required field. Below the input fields are three checkboxes for creating default accounts, all of which are checked.

Administrator Account	
Login	admin *
Password	-0nFDS342!@\$fdsf.?gsdf *
Repeat password	-0nFDS342!@\$fdsf.?gsdf *
Name	Periklis *
Surname	Venakis *
Email	pvenakis@efront.gr *
Language	english
Create Default lesson	<input checked="" type="checkbox"/>
Create Professor account	<input checked="" type="checkbox"/>
Create Student account	<input checked="" type="checkbox"/>

Professor Account	
Login	professor *
Password	professor *
Repeat password	professor *

Image 16: Fill in the administrator account information. Professor and student accounts may be created with default settings

4.6 After you click on continue, the installation is finished. You may click on the provided link (the “here” link) in order to automatically delete the installation directory and redirect to the system index page (Otherwise you should manually delete the installation folder).



Image 17: Installation completed successfully

**Step 5: The system is setup and ready to use!**



Image 18: The system is ready to use