

Installing ShakeCast



Due to the release of ShakeCast Version 3.0, the content on this page is no longer applicable. Please refer to ShakeCast Version 3.0 documentation for more information on upgrading to the current software version.

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Step-by-Step Instructions to Install ShakeCast on Your System

The installer unpacks the files needed for the installation, which takes less than a minute. After unpacking the installation files, the installer presents an option to view the **License Agreement**. You may choose to **Accept** the license agreement and continue the installation process.

The installer displays a **Choose Components** screen that allows you to choose programs to install. We recommend that you keep the default settings, unless you are an advanced user who wants more precise control over the components that will be installed.

After ensuring that the desired program features are selected, click the **Next** button to continue with the installation. Now that you have given the installer all of the information it needs to proceed, progress boxes track the installation process.

After installing the core ShakeCast script, the installer will download and start the ActivePerl setup dialog. Click the **Next** button to continue with the installation.

After installing the ActivePerl software, the installer will download and start the Apache web server setup dialog. Click the **Next** button to continue with the installation.

After installing the Apache software, the installer will download and start the MySQL database setup dialog. Click the **Next** button to continue with the installation.

After installing the MySQL software, configure the database and create a root password.

After completing the MySQL software configuration, the installer will download and start the PHP setup dialog. Click the **Next** button to continue with the installation.

After completing the core PHP installation, the installer will start the PHP configuration dialog. Select Apache 2.0.x Module then click the **Next** button to locate the installation directory for Apache web server.

In the last step of PHP setup configuration, select to install the Extensions GD2, Multi-byte String, Mcrypt, Mysql, Mysqli, and SMTP. Click the **Next** button to continue with the installation.

After completing the PHP installation, the installer will start the Perl module installation. A DOS Windows will appear showing the progress of module installation.

After completing the Perl module installation, the installer will start the ShakeCast database configuration. A new DOS Windows will appear with a prompt for password to accessing the database. Type in the root password entered during the MySQL installation and hit **Enter** to continue with the installation.

After completing the ShakeCast database creation and data population, a brief dialog confirms the last step of the installation process.

After rebooting the system, you can access the ShakeCast web interface at

<http://localhost/index.php>

Default login:

Username = **scadmin**

Password = **scadmin**

Finalize Installation

A few final configuration steps are required.

1. **Notification.** The file c:\shakecast\sc\conf\sc.conf contains a "Notification" section that looks like:

```
# Notification Configuration
<Notification>
  From          shakemaster@example.com
  EnvelopeFrom  shakemaster@example.com
  SmtServer     smtp.example.com
  DefaultEmailTemplate  default.txt
  DefaultScriptTemplate  default.pl
  # Username    username
  # Password    password
</Notification>
```

Uncomment and edit the "Username" and "Password" fields if authentication is required for your SMTP server.

2. **RSS Daemon.** The file c:\shakecast\sc\conf\sc.conf contains a "RSS" daemon section that looks like:

```
# RSS Daemon configuration
<rss>
  AUTOSTART          1
  # the LOG & LOGGING setting only applies to messages logged out of
  # GenericDaemon; other messages from polld itself are controlled by the
  # settings of LogLevel and LogFile in the system-wide configuration above
  LOG                c:/shakecast/sc/logs/sc.log
  LOGGING            1
  MSGLEVEL           2
  POLL               60
  PORT               53458
  PROMPT             rssid>
  SERVICE_NAME       rssid
  SERVICE_TITLE      ShakeCast RSS Daemon
  SPOLL              10
  REGION             SC CI NC NN
  # TIME_WINDOW      30
</rss>
```

Modify the "REGION" (to download ShakeMaps only from selected regions), the "POLL" (polling interval in seconds), and the "TIME_WINDOW" (in days for triggering ShakeCast processing).

Available ShakeMap regions are:

Region_Code	Description
SC	Southern California
CI	Southern California
NC	Northern California
NN	Nevada
UT	Utah
PN	Pacific Northwest
HV	Hawaii
AK	Alaska
GLOBAL	Global & US regions not covered by above networks (NEIC ShakeMap)
ALL	All the above

3. **Restart** the ShakeCast Services

To restart the actual services that perform the various ShakeCast functions:

```
cd c:\shakecast\admin
stop_sc_services
start_sc_services
```

4. **Customize** the ShakeCast server for facilities, profiles, users, and notification templates. Consult ShakeCast documentation and tutorial videos in configuring the ShakeCast server.

Uninstalling ShakeCast

You may uninstall the ShakeCast Server Software through the following steps:

1. **Stop and uninstall** the services:

```
cd c:\shakecast\admin
stop_sc_services
remove_sc_services
```

2. **Remove** ShakeCast:

```
c:\shakecast\Uninstall
```

or use Add/Remove Programs in the Control Panel.

3. If desired, uninstall Perl, PHP, MySQL, and Apache by using Add/Remove Programs in the Control Panel.