

# **Pirus User Guide**

**Laurent Laville**

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This guide documents the final stable version 2.1.1

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# Chapter 1. Introduction

Pirus is the best companion of Pirum [<http://pirum.sensiolabs.org/>] to handle all themes of your PEAR Channels.

While Pirum allow only to handle one customization of your `index.html` and `pirum.css` files, Pirus extends this limit to infinity.

## 1.1. Requirements

- PHP [<http://www.php.net>] 5.2.1 or better

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# Chapter 2. Install Guide

Pirus is an executable that you'll run from the command line to build your PEAR Channel Server with your own template for the web interface. Before you begin, ensure that you have at least PHP [<http://www.php.net>] 5.2.1 installed.

## 2.1. PEAR

```
$ pear channel-discover bartlett.laurent-laville.org
$ pear install bartlett/Pirus
```

You can now execute Pirus simply by running the `pirus` command:

## 2.2. Git

You can also clone the project.

```
$ git clone git://github.com/llaville/Pirus.git && cd Pirus
```

Check that Pirus works. Run the local `pirus` command.

```
$ php pirus
```

That should give expected result:

```
Pirum DEV by Fabien Potencier, Pirus by Laurent Laville
Available commands:
  pirum build target_dir
  pirum add target_dir Pirum-1.0.0.tgz
  pirum remove target_dir Pirum-1.0.0.tgz
```

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# Chapter 3. Getting Started

This simple tutorial will demonstrate how to manage your pirum server with your own template.

## 3.1. What is included

Pirus comes with the same features as Pirum, which is almost the same code. Pirus add ability to handle your own templates easily, with a sample configuration file.

This configuration file is named `pirum.ini` (for windows users), and `.pirumrc` (for linux users).

Don't be confused, between the two names Pirum and Pirus. Pirus 2.0 is only the behavior missing to Pirum 1.x

It's the same interface, commands, as Pirum. After all it's not a surprise, because Pirus 2 is a forked code of Pirum 1.1.5-dev

## 3.2. Structure of Configuration File

To handle multiple server and different graphical theme, it's a pain and a maelstrom to do it with Pirum. You have to switch from a copy of your `templates/` directory to another.

With Pirus 2.0 and a simple INI file, that should exist in the same directory as the `pirus` script itself, like that :

```
[pirum]
template = default
templatedir = templates

;[/path/to/your/pear/channel/server]
;template = subfolder_of_templatedir
;templatedir = /path/to/your/templates
```

You have the same behavior as Pirum 1.1.4

This INI file is only a list of section, where each one define a single server and it's location (on your file system), and the theme (template) to apply.

## 3.3. Migrate from Pirum to Pirus

Only two easy steps are required.

- **First**, write a simple INI content file like the one below and named it following the platform rules : `pirum.ini` (for windows users), and `.pirumrc` (for linux users). It must be located in the same directory as `pirus` executable.
- **Second**, just use `pirus` command rather than `pirum`

**Default Configuration File Pattern.**

```
[pirum]
template = default
templatedir = templates
```

## 3.4. Add your first template

As Pirum, to get you started, you can copy and paste the default templates found in the `buildIndex()` and `buildCss()` methods. Or just copy the default theme in the `templates/default` directory of Pirus.

Suppose your PEAR Channel Server is located in `/var/pirum/servers/mypearchannel`, you've named it *mypearchannel* and you named the theme *lightgreen*.

Your configuration file should look like this one :

```
[pirum]
template = default
templatedir = templates

[/var/pirum/servers/mypearchannel]
template = lightgreen
```

In summary, your new file system structure will be :

```
+-- pirus
+-- templates/
    +-- default/           ❶
    |   +-- index.html
    |   +-- pirum.css
    +-- lightgreen/       ❷
    |   +-- index.html
    |   +-- pirum.css
```

- ❶ The default theme of Pirum
- ❷ Your own templates html and stylesheet

## 3.5. Advanced usage

If you want to separate location of your different themes and servers, you can use another `templatedir` directive to do so.

Split templates directory in two groups : distribution files and your own files

```
[pirum]
template =
templatedir = templates

[/var/pirum/servers/myfirstpearchannel]
template = lightgreen
templatedir = /var/pirum/templates
```



```
[ /var/pirum/servers/mysecondpearchannel ]
template = ocean
templatedir = /var/pirum/templates
```

Your file system will look like :

```
/usr/local/php/pear/
+-- pirum
   +-- templates/           ❶
       +-- index.html
       +-- pirum.css

/var/pirum/templates/
+-- lightgreen/           ❷
|   +-- index.html
|   +-- pirum.css
+-- ocean/               ❸
   +-- index.html
   +-- pirum.css
```

- ❶ The default theme of Pirum
- ❷ *lightgreen* theme for your PEAR Channel Server
- ❸ *ocean* theme for your PEAR Channel Server

## 3.6. Examples

The PEAR Bartlett Channel is the first one that use Pirus.



**Bartlett** | PEAR Channel

Using this Channel

```
Registering the channel
pear channel-add pear://bartlett.laurent-laville.org

Listing available packages
pear search-repo --url bartlett

Installing a package
pear install --url="pear://bartlett.laurent-laville.org" ocean

Installing a specific versionability
pear install --url="pear://bartlett.laurent-laville.org" ocean-1.0.0
pear install --url="pear://bartlett.laurent-laville.org" ocean-1.0.0

Receiving updates via a feed
http://bartlett.laurent-laville.org/feeds.xml
```

**Packages**

**Pirus** - Pirus is the companion of Pirum to delegate the management of your templates.

Pirus will help you to select a theme for your PEAR Channel server, when you build it. Pirus provides only a basic theme that cannot be customized easily.

Location  
BSD License

Dependencies  
pear.php.net/Console\_CommandLine  
pear.php.net/PEAR2  
pear.php.net/PEAR2-Auth  
pear.php.net/PEAR2-Auth-HTTP  
pear.php.net/PEAR2-Auth-SSL  
pear.php.net/PEAR2-Auth-Socks  
pear.php.net/PEAR2-Auth-Ticket  
pear.php.net/PEAR2-Auth-Ticket-HTTP  
pear.php.net/PEAR2-Auth-Ticket-SSL  
pear.php.net/PEAR2-Auth-Ticket-Socks  
pear.php.net/PEAR2-Auth-Ticket-Ticket  
pear.php.net/PEAR2-Auth-Ticket-Ticket-HTTP  
pear.php.net/PEAR2-Auth-Ticket-Ticket-SSL  
pear.php.net/PEAR2-Auth-Ticket-Ticket-Socks  
pear.php.net/PEAR2-Auth-Ticket-Ticket-Ticket  
pear.php.net/PEAR2-Auth-Ticket-Ticket-Ticket-HTTP  
pear.php.net/PEAR2-Auth-Ticket-Ticket-Ticket-SSL  
pear.php.net/PEAR2-Auth-Ticket-Ticket-Ticket-Socks  
pear.php.net/PEAR2-Auth-Ticket-Ticket-Ticket-Ticket  
pear.php.net/PEAR2-Auth-Ticket-Ticket-Ticket-Ticket-HTTP  
pear.php.net/PEAR2-Auth-Ticket-Ticket-Ticket-Ticket-SSL  
pear.php.net/PEAR2-Auth-Ticket-Ticket-Ticket-Ticket-Socks

Maintainers  
Laurent Laville (no lead)

Created  
2012 (initial) April 13, 2012

Initial command  
pear install --url="pear://bartlett.laurent-laville.org" Pirus

The Bartlett PEAR Channel Server is provided as-is. It is not intended for production use. It is provided for development purposes only.

<http://bartlett.laurent-laville.org/>

bartlett template is based on the Pirum default template.

## Pirum PEAR channel

Registering the channel

```
pear channel-discover pear.pirum-project.org
```

Listing available packages

```
pear remote-list -c pirum
```

Installing a package

```
pear install pirum/package_name
```

Installing a specific version/stability:

```
pear install pirum/package_name-1.0.0  
pear install pirum/package_name-beta
```

Receiving updates via a [feed](#)

```
http://pear.pirum-project.org/feed.xml
```

### Pirum - Pirum is a simple PEAR channel server manager.

Pirum is a simple PEAR channel server manager.

Install command	<code>pear install pirum Pirum</code>
License	MIT
Maintainers	Fabien Potencier (as lead)
Releases	<a href="#">1.1.3</a> (stable), <a href="#">1.1.2</a> (stable), <a href="#">1.1.1</a> (stable), <a href="#">1.1.0</a> (stable), <a href="#">1.0.5</a> (stable), <a href="#">1.0.4</a> (stable), <a href="#">1.0.3</a> (stable), <a href="#">1.0.2</a> (stable), <a href="#">1.0.1</a> (stable), <a href="#">1.0.0</a> (stable), <a href="#">0.9.9</a> (dev), <a href="#">0.9.8</a> (dev), <a href="#">0.9.7</a> (dev), <a href="#">0.9.6</a> (dev), <a href="#">0.9.5</a> (dev), <a href="#">0.9.4</a> (dev), <a href="#">0.9.3</a> (dev), <a href="#">0.9.2</a> (dev), <a href="#">0.9.1</a> (dev), <a href="#">0.9.0</a> (dev)

The pear.pirum-project.org PEAR Channel Server is proudly powered by [Ezom DEV](#)

<http://pear.pirum-project.org/>

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# Chapter 4. License

The full legal text of the MIT license is given below.

```
Copyright (c) 2009-2013 Fabien Potencier
```

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```