

# PEAR

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# PEAR: kesako ?

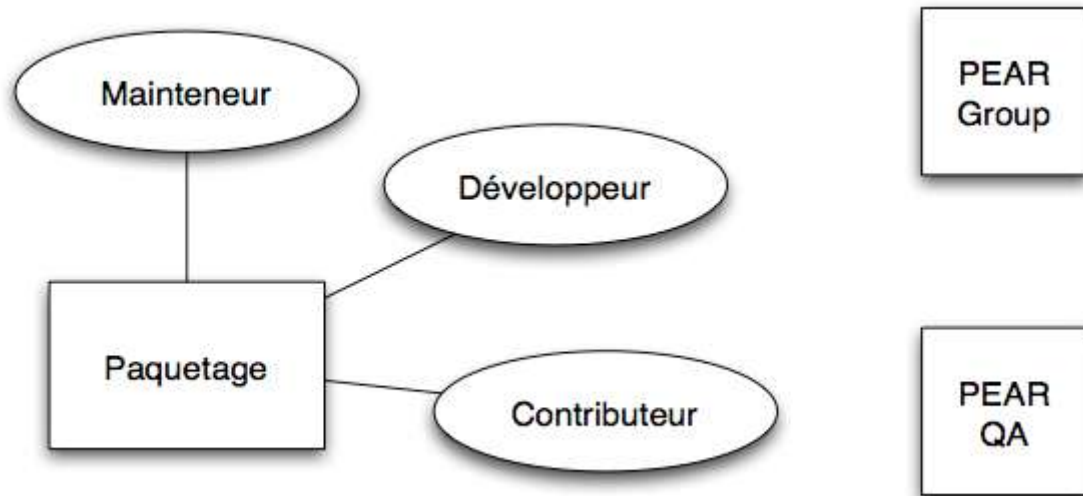
- Qu'est-ce que PEAR ?
- Pourquoi l'utiliser ?
- Les paquetages les plus utilisés
- PEAR et ? (SPL, PECL, Zend Framework)

Paquetage	# téléchargements
DB	946 587
XML_RPC	908 720
PEAR	745 359
Net_Socket	729 635
PHPUnit	721 230
Mail	671 576
XML_Parser	610 516
Net_SMTP	593 559
Archive_Tar	495 341
Console_Getopt	362 345
Log	352 947
Mail_Mime	287 323
HTTP_Request	253 414
Date	250 869
HTML_QuickForm	198 528
HTML_Template_IT	190 918
HTTP	181 394
HTML_Common	172 731
Pager	172 444
Auth	169 637
Net_URL	156 162
Net_UserAgent_Detect	152 408
Cache	138 899
SOAP	132 780

**Total téléchargements 17 574 009**

# PEAR, qui ?

- Composition de la communauté
- Ma participation



# PEAR: comment ?

- Par où commencer ?
- Comment en tirer profit
- L'installateur de paquetages
- Comment contribuer ?



## Install / Upgrade / Remove PEAR Packages

Current Channel :: pear.php.net



Package Management



Package Search



Configuration



Channel Management



Login



### Install / Upgrade / Remove PEAR Packages

[ list installed  
packages ]

[ list all packages ]

[ list non-installed  
packages ]

[ list avail. upgrades ]

Displaying to of Categories

Displaying to of Categories

[Advanced Users] Install a local package or remote non-PEAR package



Install

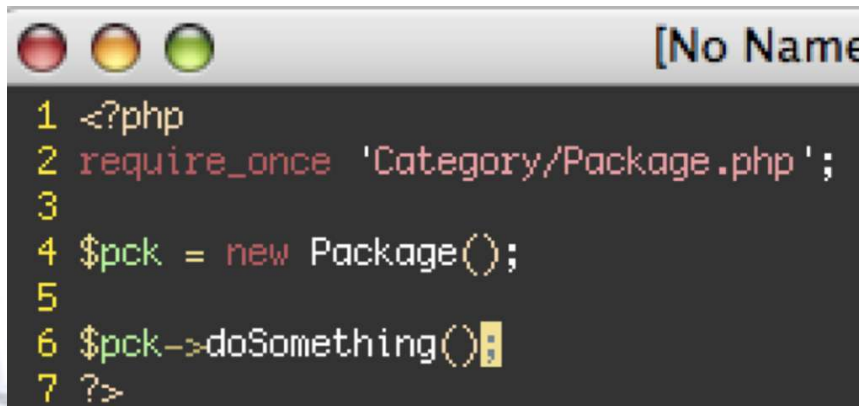
# Installer un paquetage depuis un channel

```
home-eden:~/Documents/session_php_2005 arnaud$ pear channel-discover pearified.com
Adding Channel "pearified.com" succeeded
Discovery of channel "pearified.com" succeeded
home-eden:~/Documents/session_php_2005 arnaud$ pear install pearified/smarty
downloading Smarty-2.6.8.tgz ...
Starting to download Smarty-2.6.8.tgz (146,444 bytes)
.....done: 146,444 bytes
install ok: channel://pearified.com/Smarty-2.6.8
```



# Utilisation d'un paquetage

- Spécifique à chaque paquetage
- Des points communs partagés



A screenshot of a code editor window with a title bar containing three colored buttons (red, yellow, green) and the text "[No Name]". The editor displays the following PHP code:

```
1 <?php
2 require_once 'Category/Package.php';
3
4 $pck = new Package();
5
6 $pck->doSomething();
7 ?>
```

# CodeGen\_PECL

Creating 'minimal' extension in './minimal', in this case the lil  
Your extension has been created in directory ./minimal.  
See minimal/README for further instructions.

home-eden:~/Documents/session\_php\_2005 arnaud\$ ll ./minimal  
total 80

```
-rw----- 1 arnaud arnaud 2106 10 Nov 10:39 README
-rw----- 1 arnaud arnaud  426 10 Nov 10:39 config.m4
-rw----- 1 arnaud arnaud  206 10 Nov 10:39 config.w32
drwxr-xr-x 3 arnaud arnaud  102 10 Nov 10:39 manual
-rw----- 1 arnaud arnaud 2028 10 Nov 10:39 minimal.c
-rw----- 1 arnaud arnaud 4455 10 Nov 10:39 minimal.dsp
-rw-r--r-- 1 arnaud arnaud   68 10 Nov 10:39 minimal.xml
-rw----- 1 arnaud arnaud  643 10 Nov 10:39 package.xml
-rw----- 1 arnaud arnaud 1154 10 Nov 10:39 package2.xml
-rw----- 1 arnaud arnaud 2348 10 Nov 10:39 php_minimal.h
```

```
#ifndef PHP_MINIMAL_H
#define PHP_MINIMAL_H
```

```
#ifdef __cplusplus
extern "C" {
#endif
```

```
#ifdef HAVE_CONFIG_H
#include "config.h"
#endif
```

```
#include <php.h>
```

```
#ifdef HAVE_MINIMAL
```

```
#include <php_ini.h>
#include <SAPI.h>
#include <ext/standard/info.h>
#include <Zend/zend_extensions.h>
#ifdef __cplusplus
} // extern "C"
```

```
#endif
#ifdef __cplusplus
extern "C" {
#endif
```

```
extern zend_module_entry minimal_module_entry;
#define phpext_minimal_ptr &minimal_module_entry
```

## Image\_3D

```
<?php

set_time_limit(0);
require_once('Image/3D.php');

$world = new Image_3D();
$world->setColor(new Image_3D_Color(255, 255, 255));

$light = $world->createLight(-2000, -2000, -2000);
$light->setColor(new Image_3D_Color(255, 255, 255));

$redLight = $world->createLight(90, 0, 50);
$redLight->setColor(new Image_3D_Color(255, 0, 0));

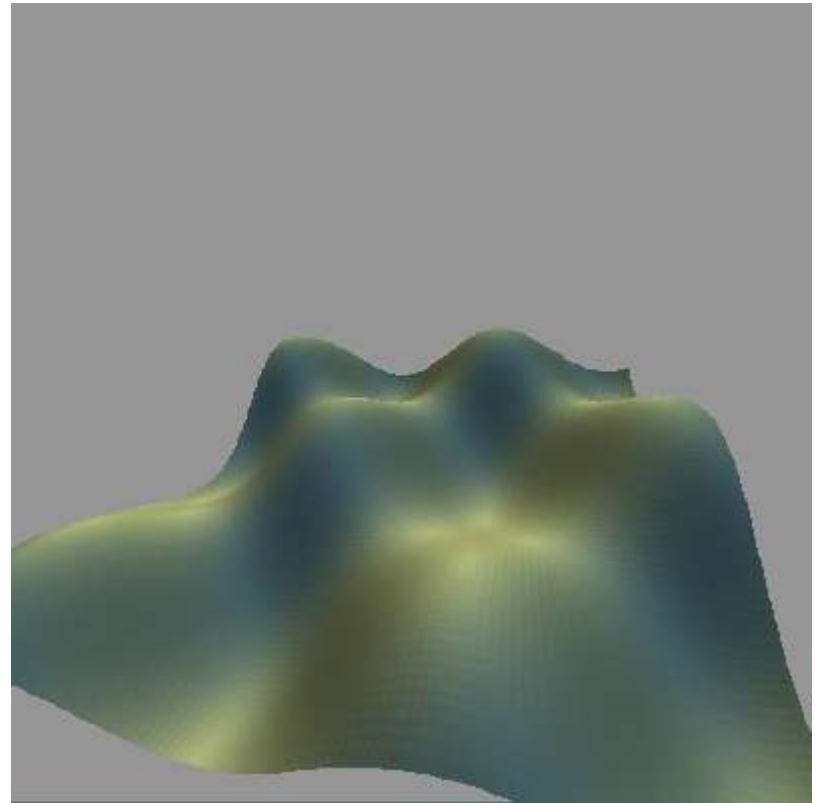
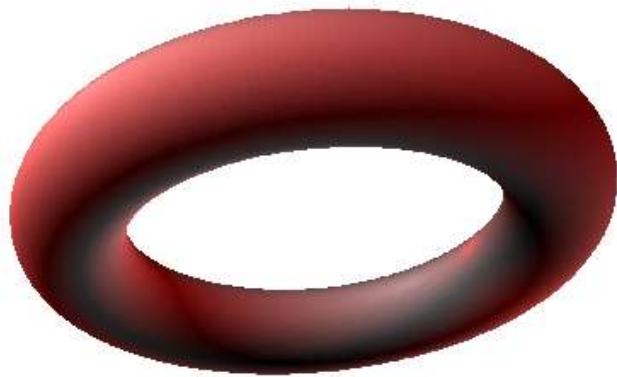
$torus = $world->createObject('torus',
    array('inner_radius' => 110,
          'outer_radius' => 170,
          'detail_1' => 60,
          'detail_2' => 30)
);
$torus->setColor(new Image_3D_Color(150, 150, 150));
$torus->transform($world->createMatrix('Rotation', array(60, -10, 0)));

$renderer = $world->createRenderer('perspectively');

$world->createDriver('GD');
$world->render(500, 500, 'Image_3D_Object_Torus.png');

echo $world->stats();
```

# Image\_3D



Database Type: MySQLi  
Username: root  
Password:  
Host: localhost  
Databasename: movies  
Filename: schema.xml  
Dump: ☐ All  
Create: ☒

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<database>

  <name>movies</name>
  <create>1</create>

  <table>

    <name>liveuser_applications</name>

    <declaration>

      <field>
        <name>application_id</name>
        <type>integer</type>
        <default>0</default>
      </field>

      <field>
        <name>application_define_name</name>
        <type>text</type>
        <length>32</length>
      </field>

    </table>

  </database>
```

# MDB2\_Schema

- Génération de la base à partir du fichier xml
- Génération du fichier xml à partir de la base

# LiveUser

```
// If the user hasn't the right to change news -> access denied.  
if (!$LU->checkRight(RIGHT_NEWS_CHANGE)) {  
    $tpl->loadTemplatefile('news_notallowed.tpl.php', false, false);  
    include_once 'finish.inc.php';  
    exit();  
}
```

# Ressources

- <http://pear.php.net>
- <http://pear.php.net/manual> La documentation
- [pear-general@lists.php.net](mailto:pear-general@lists.php.net) Pour les questions sur l'utilisation des paquets
- [pear-dev@lists.php.net](mailto:pear-dev@lists.php.net) Pour suivre et participer au développement des paquets