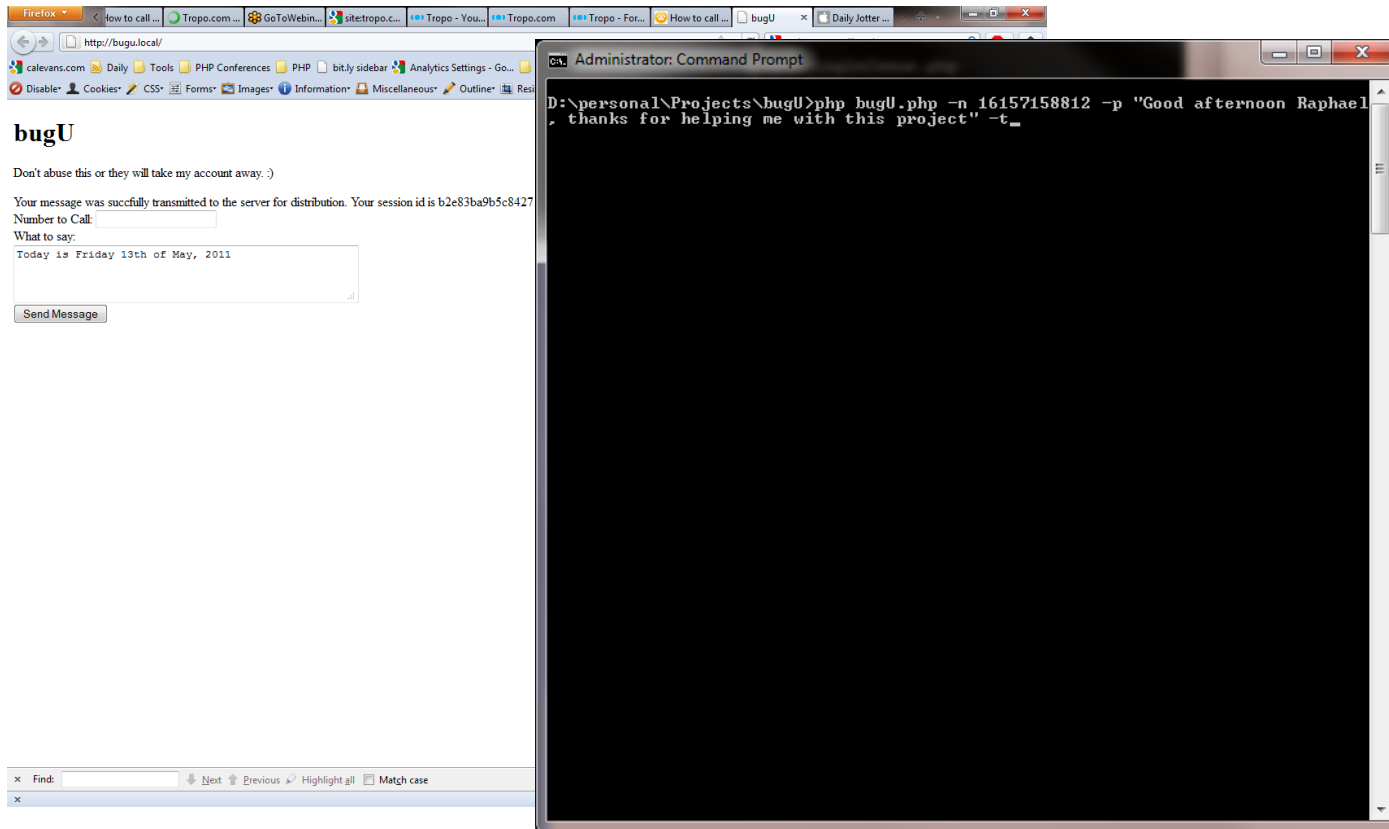


Zend Framework from the Command Line

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Why CLI?



I'll take CLI over web for tools any day

Three ways to do CLI

- Freestyle

Freestyle

```
wget http://bugu.local/cli/text  
  ?numToCall=16157158812  
  &payload=This+is+a+test
```

We've all done this.

Freestyle

curl, wget, etc.

- Handy tools

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- Easy to “cron” a process

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- **Unnecessary overhead**

Freestyle

curl, wget, etc.

- Handy tools
- Easy to “cron” a process
- Can usually use existing code as-is
- Unnecessary overhead
- Security ramifications

Three ways

- Freestyle
- Zend_Tool

Zend_Tool

- Good tool for what it does

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- Difficult to get setup

Zend_Tool

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Zend_Tool

- Good tool for what it does
- Difficult to get setup
- Easy to extend
- **Great for a specific type of task**

.zf.ini

```
php.include_path = ".;  
                D:\xampp\php\PEAR;  
                d:\zf-full\library;  
                D:\personal\Projects\tool_test\  
basicloader.classes.0 = "My_TweetProvider"  
basicloader.classes.1 = "My_Packager"  
basicloader.classes.2 = "My_PharDownloader"
```

Zend_Tool

Show Packager.php code

Three ways

- Freestyle
- Zend_Tool
- **My Way**

My Way

cli application but written using Zend Framework and MVC

(Well, M&C, there's usually not much V)

Why My Way

- No new skills to learn

Why My Way

- No new skills to learn
- All your favorite friends are there

Why My Way

- No new skills to learn
- All your favorite friends are there
- Easy to repurpose code

bugU

- Make a phone ring from the command line

What the Tropo side looks like

```
<?php
_log('Number To Call: '.$numToCall);
_log('Payload: '.$payload);
call('+ '.$numToCall,
     array("callerID"      => '16155551212',
           "timeout"       => 30)
     );
say ($payload, array('voice'=>'veronica'));
hangup();
call('+16157158812', array('network'=>'SMS'));

say('I sent a message to '.$numToCall.' saying
    '.$payload);
hangup();
?>
```

Your Applications

Create New Application +

▼ bugU

Hide Settings ⚙

Tropo Scripting Application Name:

bugU

What URL powers voice calls to your app? Or use a [Hosted File](#) ?

http://hosting.tropo.com/70224/www/voice.php

What URL powers SMS/messaging calls to your app? Or use a [Hosted File](#) ?

http://hosting.tropo.com/70224/www/text.php

Is this a Development or Production application?

- Development, free but [limited usage](#)
- Production, [fee-based unlimited usage](#)

Phone Numbers:

Voice & Messaging: -

[Add a new phone number](#) +

Skype Voice:

SIP Voice:

INum Voice:

Phono App Address: app:

Outbound Tokens:

Voice: -

Messaging: -

Instant Messaging Networks:



Username:

@tropo.im [Click to activate Jabber](#)

We host this account which you can use to chat via any Jabber or Google Talk screen name. Enter any unique username and the account will be ready to use.

Update Application

[Delete Application](#)

Introduction

An application maps your scripts to phone numbers and tokens, allowing them to accept and/or place phone calls and text messages.

You can host your application's scripts on any publicly accessible webserver. Your Tropo Scripting applications can also use [our free hosted file service](#).

Phone Numbers

In addition to using standard phone numbers to call your application, you can also reach your applications via SIP VoIP, [Skype](#), and [INum](#).

Messaging

Tropo applications support both voice (phone calls) and messaging (SMS, IM) interactions. You can use a separate application URL for voice and messaging interactions, or you can use the same URL to power all communication types.

NOT A TROPO AD

- Tropo is pretty cool
- Free for development
- Cheap for production
- Adam Kalsey is pretty dang cool
- Awesome shirts if you can get one
- <http://tropo.com>



bugU

- Make a phone ring from the command line
- Have to override 3 of the default objects
 - Custom Bootstrap
 - Custom Request
 - Custom Response

Application.ini settings

```
[cli : production]
bootstrap.path = APPLICATION_PATH "/BootstrapCli.php"
bootstrap.class = "BootstrapCli"
phpSettings.display_startup_errors = 1
phpSettings.display_errors = 1
resources.frontController.params.displayExceptions = 1
```

Show Code Here

Application/BootstrapCLI.php

bugU

- Make a phone ring from the command line
- Have to override 3 of the default objects
 - Custom Bootstrap
 - Custom Request
 - Custom Response
- **Sample is more complex than necessary to show flexibility**
 - Implemented Views
 - Implemented Context Switching

Show Code Here

Library/Cal/Controller/Request/Cli.php

Library/Cal/Controller/Router/Cli.php

Application/controllers/IndexController.php

Application/controllers/CliController.php

Application/views/scripts/Index/index.phtml

Application/views/scripts/Cli/help.text.phtml

Application/views/scripts/Cli/call.text.phtml

Application/views/scripts/Cli/text.text.phtml

Application/views/scripts/Cli/help.text.phtml

Wrap up

- Easy
- Useful
- Fun

Who Am I?

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