



파이썬3 기반 웹 프레임워크

Pylatte (파이라떼)

Team 2HOT

KAIST	1학년 (석사)
동아대학교	4학년

박상근
이환승



발표 순서

- 1 개발 동기
- 2 개발 내용
- 3 개발 전략
- 4 피드백
- 5 파급 효과
- 6 활동 계획 및 목표



개발 동기 1

파이썬3 기반 웹 프레임워크 부재

django

- django 1.4.1 for Python 2.6 or 2.7



- Grok 1.4 for Python 2.5 or 2.6



- TurboGears 2.1.5 for Python 2.4 to 2.7

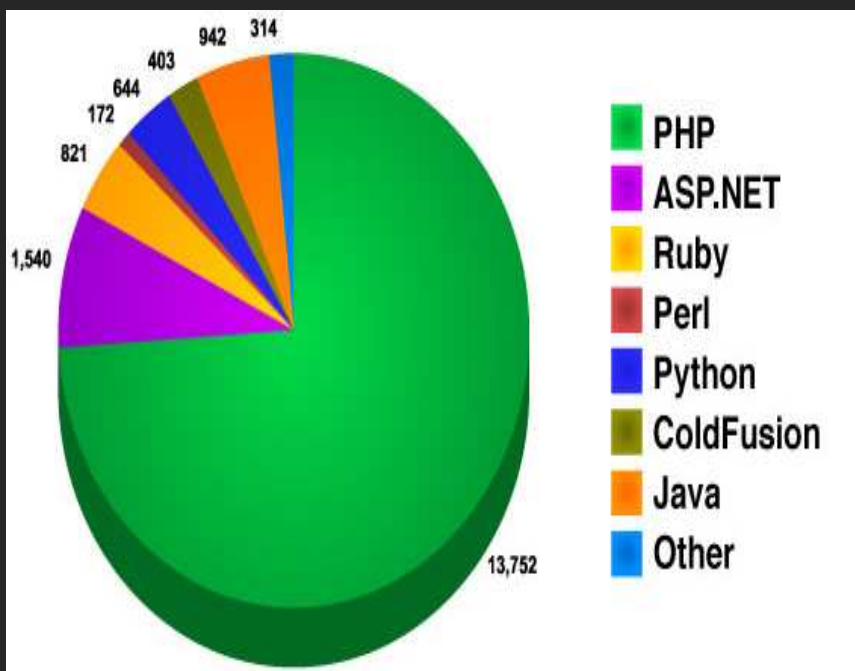
WEB2PY

- web2py 2.0.9 for Python 2.4 to 2.7



개발 동 기 2

새로운 구현 방식 추구



기존 파이썬 프레임워크 방식의 구현 탈피

PHP, JSP와 같은 방식의 개발 스타일 추구

XML을 활용한 손쉬운 설정

국산 웹 프레임워크의 세계화

CSS-TRICKS, MAY 26, 2010 참고

<http://css-tricks.com/poll-results-server-side-language>



개발내용

OR Mapping

SQL Query Engine

DBMS Connection

Form File
Up/Down

Form Mapping

Translation Engine

Session Module

Filter Module

URL Mapping

Static Response

Pylatte Web Application Server



개발내용 Translation Engine

<h1>Pylatte - PYL</h1>

<h2>Translation Engine</h2>

<\$

var = ["pylatte","Open","Source"]

\$>

<p> 파이썬 코드와 HTML 코드의 분리 </p>

<\$

for each in var:

 print(each)

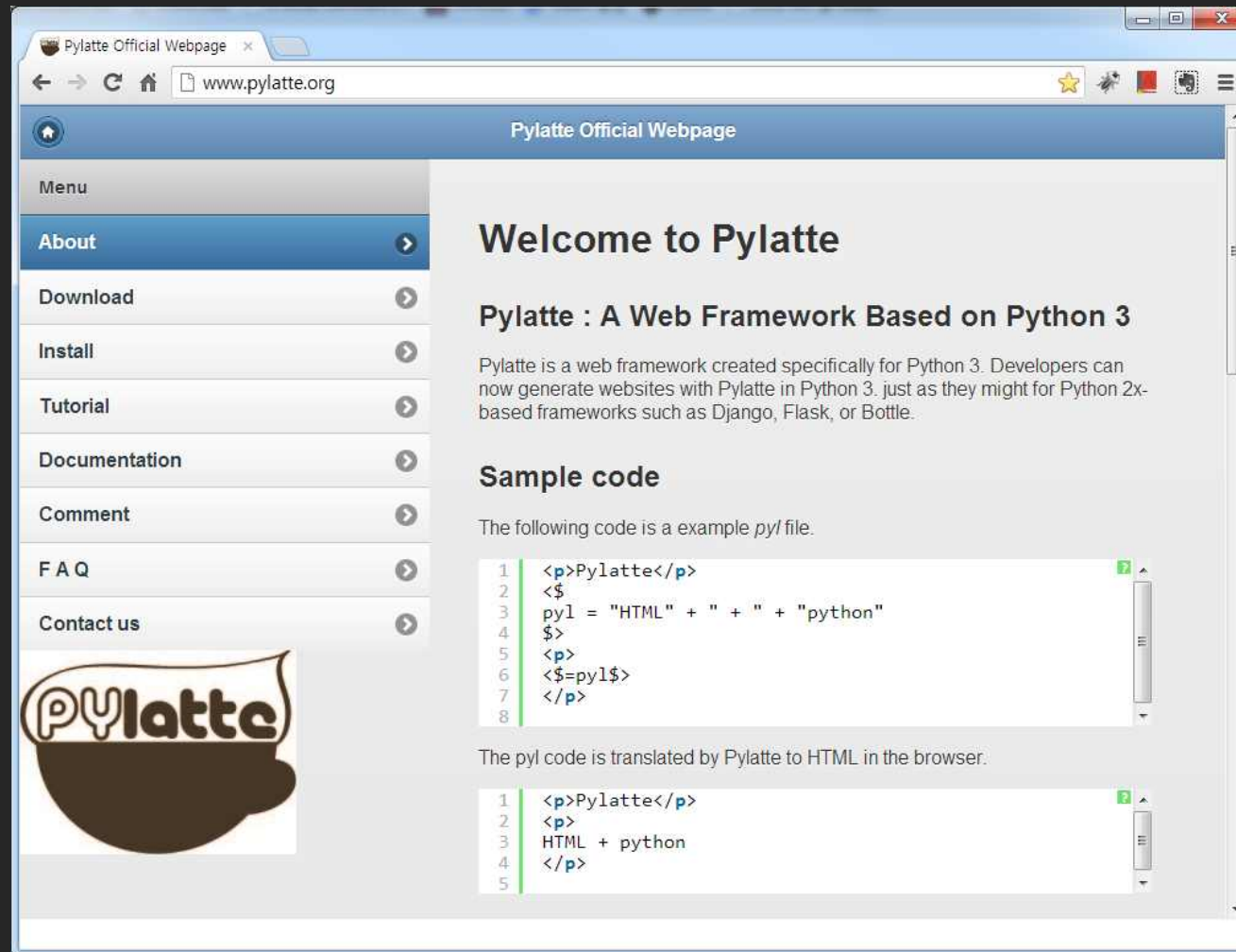
\$>

<p> <\$=var[0]\$>는 파이썬3 기반의 웹 프레임워크 입니다.</p>



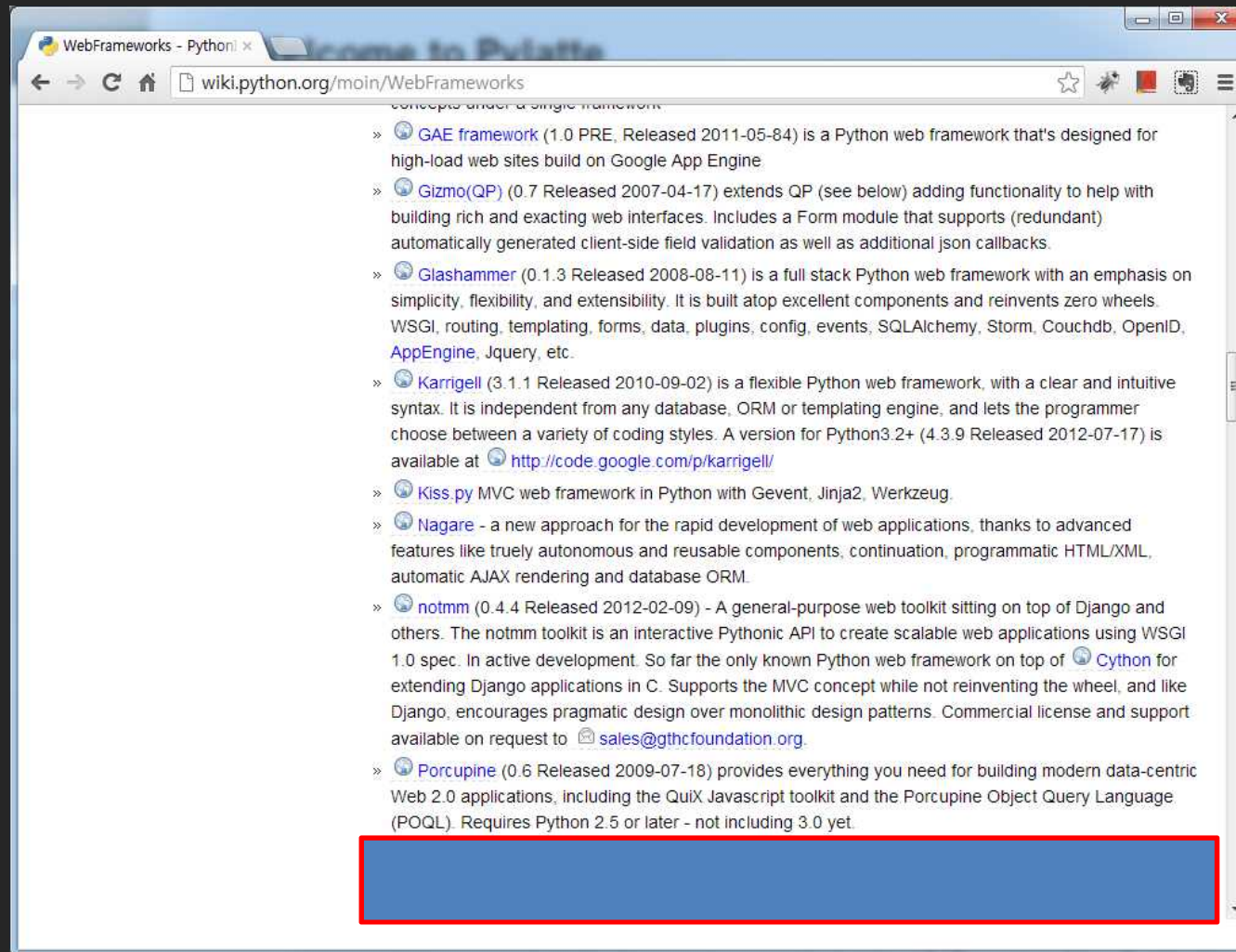
HTML 코드에 파이썬3 코드를 삽입하는
방식의 Pylatte 프레임워크 활용

개발전략



<http://www.pylatte.org>, Pylatte Official Webpage

개발 전략



<http://wiki.python.org/moin/WebFrameworks>

개발전략



The screenshot shows the Google Code project page for Pylatte. The browser address bar displays 'code.google.com/p/pylatte/'. The page header includes the Pylatte logo and the text 'A Web Framework Based on Python 3'. Navigation links for 'Project Home', 'Downloads', 'Wiki', 'Issues', 'Source', and 'Administer' are present. A search bar is also visible. The main content area is titled 'Welcome to Pylatte' and describes the framework. A sidebar on the left contains 'Project Information', 'Labels', 'Members', and 'Links'.

pylatte - A Web Framework Based on Python 3

code.google.com/p/pylatte/

pskalyber@gmail.com | My favorites | Profile | Sign out

pylatte
A Web Framework Based on Python 3

Search projects

Project Home Downloads Wiki Issues Source Administer

Summary People

Tip: Project owners, see our [Getting Started](#) guide for steps to configure your project.

Project Information

+1 including HwanSeung

★ Starred by 4 users
[Project feeds](#)

Code license
[Artistic License/GPL](#)

Labels
Web, Framework, Python, WebServer

Members
[pskalyber](#), [rucifer1217](#), [sirini](#)

Your role
[Owner](#)

Links

External links
[pylatte official web site](#)

Welcome to Pylatte

Pylatte : A Web Framework Based on Python 3 Pylatte is a web framework created specifically for Python 3. Developers can now generate websites with Pylatte in Python 3, just as they might for Python 2x-based frameworks such as Django, Flask, or Bottle.

Visit to <http://www.pylatte.org/>

mail : pylatte@pylatte.org

Facebook Page : <https://www.facebook.com/pylatte>

Sample code

The following code is a example pyl file.

```
<p>Pylatte</p>
<$
pyl = "HTML" + " " + "python"
$>
<p>
<$=pyl$>
</p>
```


개발 전략



Pylatte 0.9.8.1.5 : Python

pypi.python.org/pypi/Pylatte/

Twitter iGoogle Facebook 네이버 글로벌SW 다음 SANGKEUN.NET ChessCube 기타 북마크

python 3 search

» Package Index > Pylatte 0.9.8.1.5

PACKAGE INDEX »

- Browse packages
- Package submission
- List trove classifiers
- List packages
- RSS (latest 40 updates)
- RSS (newest 40 packages)
- Python 3 Packages
- PyPI Tutorial
- PyPI Support
- PyPI Bug Reports
- PyPI Discussion
- PyPI Developer Info

ABOUT »

NEWS »

DOCUMENTATION »

DOWNLOAD »

COMMUNITY »

FOUNDATION »




CORE DEVELOPMENT »

Pylatte 0.9.8.1.5

Download
pylatte_0.9.8.1.5_include_example_SQL.tar.gz

Web Framework - Insert Python code in HTML(called Pyl) and execute webserver

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Pylatte : A Web Framework Based on Python 3 Pylatte is a web framework created specifically for Python 3. Developers can now generate websites with Pylatte in Python 3, just as they might for Python 2x-based frameworks such as Django, Flask, or Bottle.

Visit to <http://www.pylatte.org/>

mail : pylatte@pylatte.org

Facebook Page : <https://www.facebook.com/pylatte>

Sample code

The following code is a example pyl file.

```
<p>Pylatte</p> <$ pyl = "HTML" + " " + "python" $> <p> <$=pyl$> </p> The pyl
```


개발 전략




+Sangkeun 검색 이미지 지도 Play YouTube 뉴스 Gmail 드라이브 캘린더 더보기

Google+ Sangkeun Park 0 + 공유

Guido van Rossum Python

Guido van Rossum 2011. 11. 6. - 공개

Any South Korean Python developers interested in Python 3 and web frameworks? I just got contacted by the lead developer of pylatte (<http://www.pylatte.org/>), who claims this is the first Python 3 (only) web framework, and has a hard time finding others in South Korea with the same interests.

 **Pylatte - Web framework based on Python3 »**

Welcome to Pylatte. Pylatte : Web Framework based on Python3. Pylatte is pythonic, simple, fast web framework based on Python3. Python developers can have their own website with Pylatte as you make an...

+1 +46 33

댓글 28개

Daniel Stoddart 2011. 11. 6.에 수정 +12

Site copy needs a once-over by a native English speaker. If you have a contact, I'll volunteer to rewrite it and clean up the About, Intro, Install, and other documentation for them.

직장 Google
출신 학교 University of Amsterdam
거주 지역 California

전체 프로필 보기

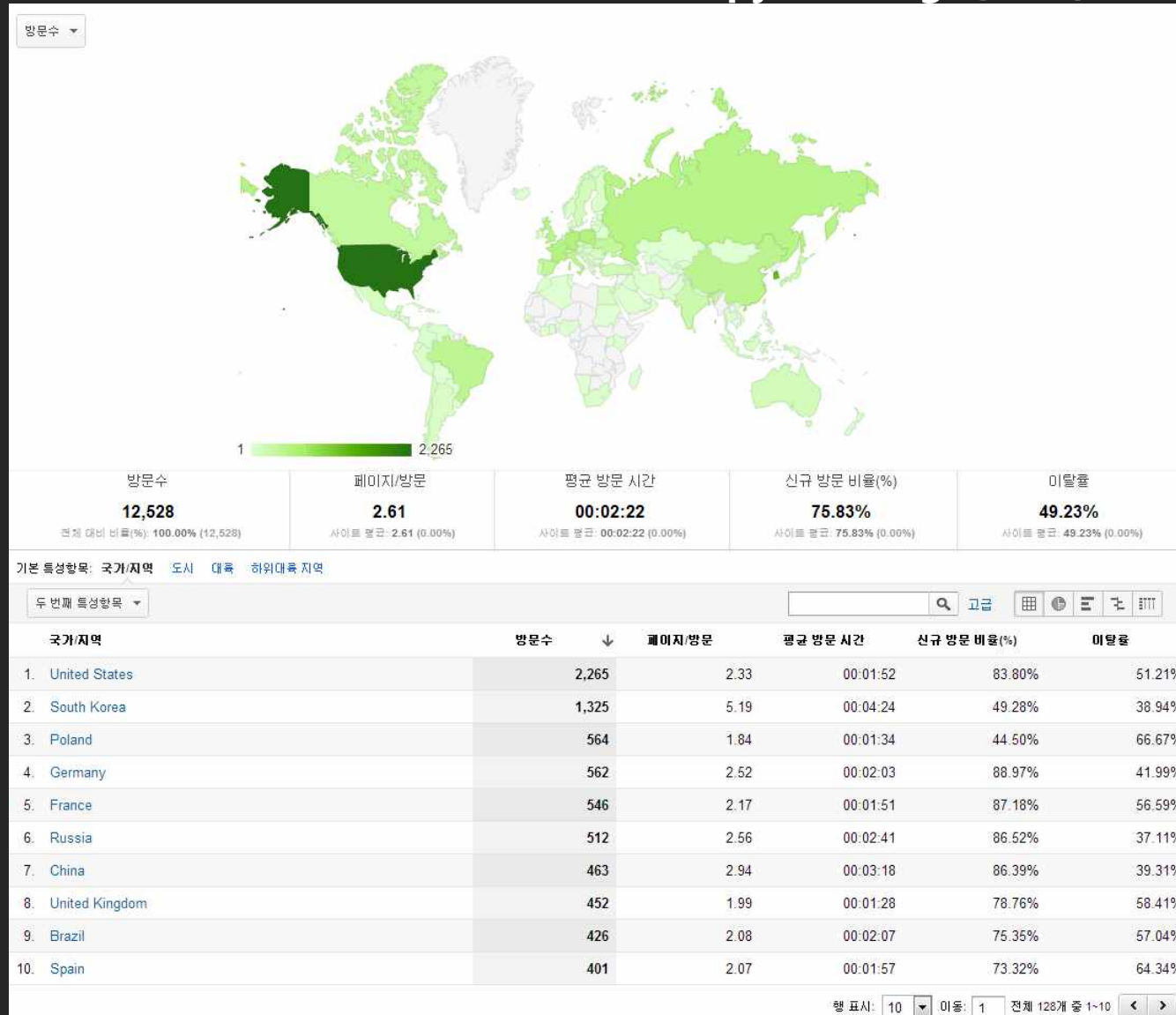
파이썬 창시자 귀도 반 로섬의 Pylatte 언급

<https://plus.google.com/115212051037621986145/posts/NJy5YUBEcnG>

개발전략



www.pylatte.org 방문자 분포



피드백



yurevich Yury Yurevich

Pylatte is anything, but not pythonic. RT @nimnull: **Pylatte** - py3k web framework - pylatte.org

7 Nov ☆ Favorite ↻ Retweet ↩ Reply



originell originell

PyLatte. A new python3 web framework with a new file format (mixing python with HTML, hello php) and XML url mappings. Uargh :-S

2 hours ago



Puneet Kaura

15 hours ago

Pylatte looks good man. I have been programming in Django for 2 years and feel the need of a more flexible framework. Keep me updated 😊

피드백



Puneet Kaura

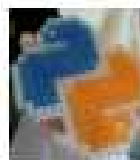
12 hours ago

Sure, BTW I also found Pyramid interesting but pretty sure Pylatte will be Awesome 😊



Tim Valenta - +蘇苑霖 I look at that as a good thing. They could have just made up janky new syntaxes just to be different :) This way it reduces the learning curve for a new tool.

2011. 11. 6. +3



quippdPython quippd Python News

RT @pylatte Python3-based web framework, **Pylatte** is coming soon, it is ver 0.9 now. check it out at python.org #python

1 Nov

피드백



+Sangkeun 검색 이미지 지도 Play YouTube 뉴스 Gmail 드라이브 캘린더 더보기 ▾

Google

Gmail ▾

편지쓰기

별표편지함
중요편지함
보낸편지함
임시보관함 (25)
스팸함 (116)

서클

[imap]/Sent
[imap]/Trash
KAIST
Notes
SSM지원
개인
여행



박상근

사용자 찾기...

Do you think in closures? We do too. - janestreet.com - Scheme programmers welcome.

i wanna give one piece of advice

받은편지함 x



March march511@gmail.com

1월 17일 ☆

나에게 ▾



영어 ▾

> 한국어 ▾

메일 번역

영어 번역 안함 x

i used to use server.py in standard python3 library and i got bored.
so i searched for other web framework.
then i found your pylatte.

it seemed that you recommended mysqldb
but i thought oursql is much easier to use and safer too.
<http://packages.python.org/oursql/tutorial.html>

besides, thanks for your devotion for pylatte

...

피드백



bottlepy@googlegroups.com

Bottle Web Framework ()



RETURN

Return to
gmane.comp.python.bottle.general.

PROJECT WEB PAGE

Bottle Web Framework ()

SEARCH ARCHIVE

Search

LANGUAGE

Change language

OPTIONS

Current view: Threads only / Showing whole messages / Not hiding cited text.

Change to All messages, shortened messages, or hide cited text.

Post a message
NNTP Newsgroup
Classic Gmane web interface

James | 20 Oct 22:13

headers



New to bottle, 2 questions.



Hello, I have just downloaded bottle, and have been reading the tutorial and working with it but I have a question, can I use pymongo as a database for bottle, and can I use it with another web framework (a python framework which has it's own file extension and syntax, but can still import modules, it is called pylatte (www.pylatte.org))?

[Permalink](#) | [Reply](#) | [Report this as spam](#)

James | 21 Oct 21:14

headers



Re: New to bottle, 2 questions.



On Saturday, 20 October 2012 22:13:24 UTC +2 James wrote:

Hello, I have just downloaded bottle, and have been reading the tutorial and working with it but I have a question, can I use pymongo as a database for bottle, and can I use it with another web framework (a python framework Which has it's own file extension and syntax, but can silently import modules, it is called pylatte (www.pylatte.org))?

For part of 'can I use it with another web framework I meant bottle not pymongo.

<http://comments.gmane.org/gmane.comp.python.bottle.general/1580>

파 급 효 과



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Python Weekly

Interesting Projects, Tools and Libraries

[Buildout](#)

Buildout is a Python-based build system for creating, assembling and deploying applications from multiple parts, some of which may be non-Python-based. It lets you create a buildout configuration and reproduce the same software later.

[Multicorn](#)

Multicorn is a PostgreSQL extension which goal is to make Foreign Data Wrapper development easy, by allowing the programmer to use the Python programming language.

[Spyder](#)

Spyder is a powerful interactive development environment for the Python language with advanced editing, interactive testing, debugging and introspection features.

[Pylatte](#)

Pylatte is pythonic, simple, fast web framework based on Python3.

파 급 효 과



python™
reddit PYTHON 댓글 관련된 링크

want to join? 새계정 만들기 또는 로그인하기 in seconds | 한국어 (*)

↑ help learning python WEB development (self,Python)
1 10 달 전 T-rex_with_a_gun 님께서 올린 글

↓

hey /r/python im trying to learn python web development, but am running into a bit of a snag...
first let me say that in no way am i a "noobie" to python, and have had my fair share of python
development through uni. classes...but in no way am i as proficient in it as i am with C++/PHP/java.
my question is regarding web design/development via python.
coming from a PHP heavy background, if i want to implement HTML inside PHP i would merely do
(php tag)
my php stuff
(/close php)
HTML stuff
(php tag)
more php stuff
(close php tag)
reddit will not allow me to put the < ? php ?> tags*
im wondering how do i do this in python i.e if i want html inside my python, do i merely "print" them. (i
know in PHP echoing html is frowned upon due to speed)

댓글 9 개 추천하기

↑ [-] [deleted] 1 점 11 달 전
↓ Maybe this is what you want <http://www.pylatte.org/>
댓글 주소로 가기

레딧 검색하기

this post was submitted on 25 Nov 2011
1 점 (54% like it)
6 up votes 5 down votes
shortlink: <http://redd.it/mp0ou>

사용하실 아이디 비밀번호
이 커뮤니티에서 나를 기억하기 비밀번호 초기화하기
로그인하기

Python
subscribe 37,251 readers
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news about the dynamic, interpreted,
interactive, object-oriented, extensible

http://www.reddit.com/r/Python/comments/mp0ou/help_learning_python_web_development/

파 급 효 과




W3Schools Forums

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 **Pylatte - Python 3 web framework.Enter if you know it or not.** 1


Started by Rotinomx, Sep 21 2012 09:59 PM

You cannot reply to this topic

No replies to this topic

Rotinomx #1

Newbie



Members

13 posts

Posted 21 September 2012 - 09:59 PM

Do you know about pylatte the python 3 web framewprk,it's a great web framework for python 3,maybe not the best,but very good,it's a mix of python code and html code.

I want everyone to know about it because currently it's not too famous,of course some people might know it,i am not sure,but i want more to know it so i can have more experience with it through people who have studied it better than me by asking in the forum.I started learning it some days ago,they website is <http://www.pylatte.org/> , you need ply, pylatte and maybe MySQLdb/pymongo(according to the website) installed to.

Also Guido van Rossum talked about it(told in the website).

Edited by Rotinomx, 21 September 2012 - 10:06 PM.

<http://w3schools.invisionzone.com/index.php?showtopic=45141>

파 급 효 과



새로운 Google 그룹스에 오신 것을 환영합니다. 새로운 기능에 대해 자세히 알아보세요.

그룹스

내 그룹
홈
별표

공지
Google Groups ...
최근 게시한 그룹
Knowledge Servi...

즐거찾기
즐거찾기에 추가하려
면 그룹의 별표 아이
콘을 클릭하세요.

mongodb-user >

New to databases and somewhat new to server-side scripting languages.

+1 0
게시물 3개(mongodb-user의 작성자 3명)

John Fred 10월 6일(2일 전) ☆ 답장하려면 그룹에 가입

한국어로 메시지 번역

I am very new to using a database, and I have been playing for sometime with a server-side scripting language, it's a python web framework, combines both python 3 and html, it's pylatte. www.pylatte.org, try it, you could like it, anyway I downloaded and installed both pymongo and MongoDB, I ran mongod.exe and have got through the tutorial and have done some of it in the IDLE, but can someone tell me how database works along with server-side scripting, and if possible can you show me an example please using pylatte or another web framework which is close to the same idea as pylatte is. I know there are alot of web frameworks for python 3 out there, but this is the only one I found which has a diffrent idea(maybe not the only one). Thanks for any help.

Sammaye 10월 6일(2일 전) ☆ 답장하려면 그룹에 가입

Re: [mongodb-user] New to databases and somewhat new to server-side scripting languages.

한국어로 메시지 번역

This can be easily googled and you will find a lot more information than we can tell you in this thread.

Google Groups **mongodb-user**

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- Development Tools
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Home > Scripts > Development Tools > Frameworks

Pylatte 0.9.8.1.5

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★★★★★ **User Rating:** NOT RATED
Rated by: 0 user(s) [Like](#) 0

Developer:	HwanSeung Lee More scripts
Website:	www.pylatte.org
License / Price:	GPL - GNU General Public License
Platforms:	Windows / Linux / Mac OS / BSD / Solaris
Databases:	MySQL / Other
Language:	Python
Last Updated:	October 30th, 2012, 14:26 GMT
Category:	C: \ Development Tools \ Frameworks

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Pylatte description

파 급 효과



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はてなブックマーク > コンピュータ・IT > Pylatte - Web framework based on Python3

PR フルタ製菓のTVCMボツ案を、はてなブログで公開

Pylatte - Web framework based on Python3

www.pylatte.org

タグ : python python3 pylatte framework

コンピュータ・IT 3 users  



Welcome to Pylatte Pylatte : Web Framework based on Python3
Pylatte is pythonic, simple, fast web framework based on Python3.
Python developers can have their own website with Pylatte as you
make any other python based programs. As it mentions above,
Pyla... > [このページを見る](#)

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最終更新時間: 2011年 11月 06日 12時 19分

파 급 효 과



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 **Python Web 框架 Pylatte**

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Pylatte 基于Python 3的Web框架。

主要功能特点：
模板使用PYL的文件格式(PYL包括HTML和Python)，它是Pylatte的独特功能。
支持Session会话和数据库(MySQL)
过滤器
GET、POST表单
URL映射

授权协议：[GPL](#)
开发语言：[Python](#)
操作系统：[跨平台](#)
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파 급 효 과



**PHP Web Developer** @phpizer

28 Oct

Pylatte Official Webpage: pylatte.org

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2
FAVORITES



1:57 AM - 28 Oct 12 · Details

Reply to @phpizer

파 급 효 과



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Pylatte Official Webpage

<http://www.pylatte.org/>

Welcome to Pylatte

Pylatte : A Web Framework Based on Python 3

Pylatte is a web framework created specifically for Python 3. Developers can now generate websites with Pylatte in Python 3, just as they might for Python 2x-based frameworks such as Django, Flask, or Bottle.

Sample code

The following code is a example pyl file.

Pylatte

```
<$ pyl = "HTML" + " " + "python" $> <${pyl}$>
```

The pyl code is translated by Pylatte to HTML in the browser.

Functions

Translation Engine

Pylatte uses pyl file format. pyl consists of HTML and Python. pyl is fully translated by the Pylatte engine into HTML. It is unique feature of Pylatte.

Database

To use the database, external library must be installed: the MySQLdb(for mysql) module or pymongo3(for MongoDB) module for Python 3.

Save Link

Share Link

11 Saves

First saved by: [pellekrogholt](#)
on 06 Nov 2011

TOP TAGS

framework **python**
python3 Web dev
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Web_frameworks
sml8it php **October**
28



활동 계획

- Pylatte 개발자 추가 영입
- Pylatte를 활용한 공식 홈페이지 운영
- 더 쉽고 자세한 문서화 제공
- Translation Engine 일반화
-> 타 프레임워크에 적용
(MVC 패턴에서 View를 담당)
- WSGI 표준 준수



최종 목표

세계로 뻗어나가는 국산 웹 프레임워크, Pylatte

쉽고 빠른
웹 개발

웹 프레임워크
다양성 기여

웹 개발자들의
손쉬운 접근성



END

Thank You