

# アドオンプロダクトの紹介 (Plone 3 バージョン)



WorldPlone<sup>®</sup>  
Day

鈴木たかのり



# まずは自己紹介

- 鈴木たかのり (<http://takanory.net/>)
- twitter: @takanory
- Plone 1.0 から利用開始
- 現在は Plone 2.5.5
- Plone のプロダクト作ってます
- Plone 3.x 系には移行できず ...



# 最初にお願いと確認

- がしがし質問してください
- ハッシュタグは #wpd2010 です
- 今日の感想を Blog とかにぜひ書いてください
- アドオンプロダクトを使ったことがある人



# 今日話すこと

- 前回のおさらい
- プロダクトの探し方
- プロダクトの紹介
- プロダクトを作ろう



# 前回のおさらい

- 2009-04-25 World Plone Day
- タイトル: アドオンプロダクトの紹介
  - アドオンプロダクトってなに
  - アドオンプロダクトの紹介
  - プロダクトを作ろう



# アドオンプロダクトってなに？

- 「Plone に」「いろいろな機能を」追加するソフトウェア部品



# どのくらいあるの？

- 1239959 のプロジェクト
- 35622536 のリリースファイル

## Add-on Products

Add-ons extend your Plone site with additional functionality. Currently there are 1239 projects with a total of 3562 releases available.

▶ **Submit your add-on**



# プロダクトをインストール

- buildout.cfg に書く → bin/buildout
- ~~または Procuts ディレクトリに入れる~~
- Plone 再起動
- サイト設定 → アドオンプロダクト

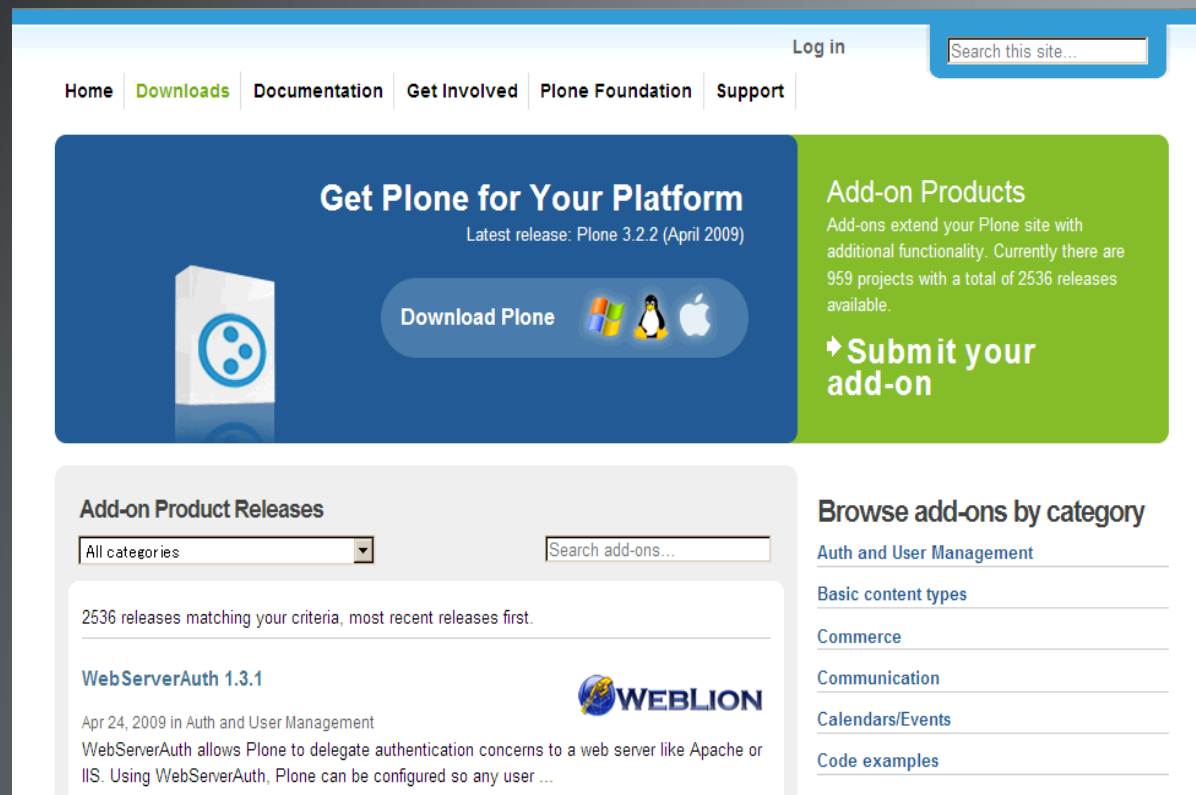


# プロダクトの探し方



# プロダクトを探す

- ほしいプロダクトを検索して探す
- <http://plone.org/products>



The screenshot shows the Plone website's products page. At the top, there is a navigation menu with links for Home, Downloads, Documentation, Get Involved, Plone Foundation, and Support. A search bar is located in the top right corner. The main content area is divided into two columns. The left column features a blue banner with the text "Get Plone for Your Platform" and "Latest release: Plone 3.2.2 (April 2009)". Below this is a "Download Plone" button with icons for Windows, Linux, and Mac. The right column has a green banner for "Add-on Products" with a "Submit your add-on" button. Below the banners, there is a section for "Add-on Product Releases" with a search bar and a list of releases. The first release is "WebServerAuth 1.3.1" by WEBLION, dated April 24, 2009. To the right of this section is a "Browse add-ons by category" list with links for Auth and User Management, Basic content types, Commerce, Communication, Calendars/Events, and Code examples.



# プロダクトを探す

## • PyPI で探す

The screenshot shows the Python Package Index (PyPI) website. At the top left is the Python logo and the word "python" with a trademark symbol. To the right is a search bar with the word "search" inside. Below the logo, the text "» Package Index" is visible. On the left side, there is a navigation menu with "PACKAGE INDEX" selected and expanded, showing links for "Browse packages", "Package submission", "List trove classifiers", "List packages", "RSS (last 40 updates)", "Python 3 packages", "Tutorial", "Get help", "Bug reports", "Comments", and "Developers". Below this are sections for "ABOUT", "NEWS", "DOCUMENTATION", "DOWNLOAD", "COMMUNITY", "FOUNDATION", and "CORE DEVELOPMENT", each with a right-pointing arrow. The main content area features the heading "PyPI" and a paragraph: "The Python Package Index is a repository of software for the Python programming language. There are currently **9714** packages here. To contact the PyPI admins, please use the [Get help](#) or [Bug reports](#) links." Below this is another paragraph: "To submit a package use `python setup.py upload` and to use a package from this index either `pip install package` or download, unpack and `python setup.py install` it." There is a search bar with the word "search" below the paragraph. To the right of the main content is a "Not Logged In" box with links for "Login", "Register", "Lost Login?", "Use OpenID" (with icons for Google and Facebook), and "lp". Below the search bar, there is a list of links: "Browse the tree of packages" and "Submit package information (note that you must register to submit)". Below this list, a paragraph states: "There now is an [RPM repository](#) that provides RPMs for most of the packages available here on PyPI." At the bottom, there is a table with three columns: "Updated", "Package", and "Description".

Updated	Package	Description
2010-04-27	<a href="#">zope.contentprovider 3.7</a>	Content Provider Framework for Zope Templates
2010-04-27	<a href="#">emencia.django.downloader 0.1</a>	Downloader app like dl.free.fr in django
2010-04-27	<a href="#">teamcity-messages 1.4</a>	A unittest extension to send test result messages to TeamCity continuous integration server
2010-04-27	<a href="#">asm.cms 0.1.4</a>	Assembly Website CMS

# どんなプロダクトが人気なの？

- PyPI のダウンロード数が高いかも
- [http://taichino.appspot.com/pypi\\_ranking/keyword/plone](http://taichino.appspot.com/pypi_ranking/keyword/plone)

Select Language English Go

## PyPI Ranking

Find famous PYTHON modules and authors

[無料の翻訳ソフトウェア](#)  
インスタント無料の翻訳ソフトウェア 75言語の翻訳無料ダウンロード今日!  
Free.babylon.com

Google 提供の廣告

モジュールランキング 作者ランキング キーワード ABOUT

modules tagged by "plone"

[next](#)

順位	モジュール名	モジュール概要	ダウンロード数	Author	Keywords
1	<a href="#">plone.locking 1.2.0</a>	webdav locking support	19750	▪ <a href="#">Plone Foundation</a>	<a href="#">locking</a> <a href="#">webdav</a> <a href="#">plone</a> <a href="#">archetypes</a>
2	<a href="#">Products.NuPlone 1.0b3</a>	A new theme for Plone 3.0	14370	▪ <a href="#">Cornelis Kolbach</a> ▪ <a href="#">Alexander Limi</a>	<a href="#">plone</a> <a href="#">theme</a> <a href="#">tableless</a>
3	<a href="#">plone.indexer 1.0rc2</a>	Hooks to facilitate managing custom index values in Zope 2/CMF applications	14112	▪ <a href="#">Martin Aspeli</a>	<a href="#">plone</a> <a href="#">cmf</a> <a href="#">zope</a> <a href="#">catalog</a> <a href="#">index</a>
4	<a href="#">Products.i18ntestcase 1.2</a>	Products.i18ntestcase is build on top of the ZopeTestCase package. It has been developed to simplify testing of gettext i18n files for Zope	11612	▪ <a href="#">Hanno Schlichting</a>	<a href="#">plone</a> <a href="#">i18n</a> <a href="#">gettext</a> <a href="#">testcase</a>



# 最新情報を知る

- RSS を購読

- <http://feeds.plone.org/ploneaddons>
- <http://pypi.python.org/pypi?%3Aaction=rss>

- Twitter で pypi をフォローする

- → おすすめ



# 使うときに気をつけること

- 対応する Plone バージョン (2.5/3/4)
- buildout.cfg の書き方
- うまくいかなかったら
  - README.txt
  - bin/instance fg
  - エラーログ



# プロダクトの紹介

- シーンごとのおすすめプロダクト
- プロダクト名を buildout.cfg に書く
  - Products. の場合は zcml は不要

```
[buildout]
eggs =
    Products.ATGoogleMaps
:
[instance]
zcml =
    Products.ATGoogleMaps
```



# アンケートフォームを作りたい



# アンケートフォームを作りたい

- Products.PloneFormGen
- かなり強力
- 日本語化済

contents view edit properties sharing

actions add item state: public draft

### Edit Form Folder

by [Steve McMahon](#) — last modified 2006-12-22 15:16

[\[default\]](#) [\[decoration\]](#) [\[overrides\]](#)

A folder which creates a form view from contained form fields.

**Short Name**  
Should not contain spaces, underscores or mixed case. Short Name is pa

**Title** ▾

**Description**  
A short summary of the content

**Submit Button Label**

**Show Cancel Button**

**Action Adapter**  
To make your form do something useful when submitted: add one or mo  
configure them, then return to this form and select the active ones.

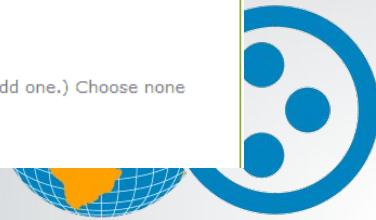
**Mailer**

**Thanks Page**  
Pick a contained page you wish to show on a successful form submit. (If none are available, add one.) Choose none  
to simply display the form field values.

**None**

**Thank You**

- boolean field
- custom script adapter
- date/time field
- fieldset folder
- file field
- 1.0 fixed-point field
- image
- integer field
- label field
- lines field
- mailer adapter
- multi-select field
- page
- password field
- rich label field
- richtext field
- save data adapter
- selection field
- string field
- text field
- thanks page
- restrict...

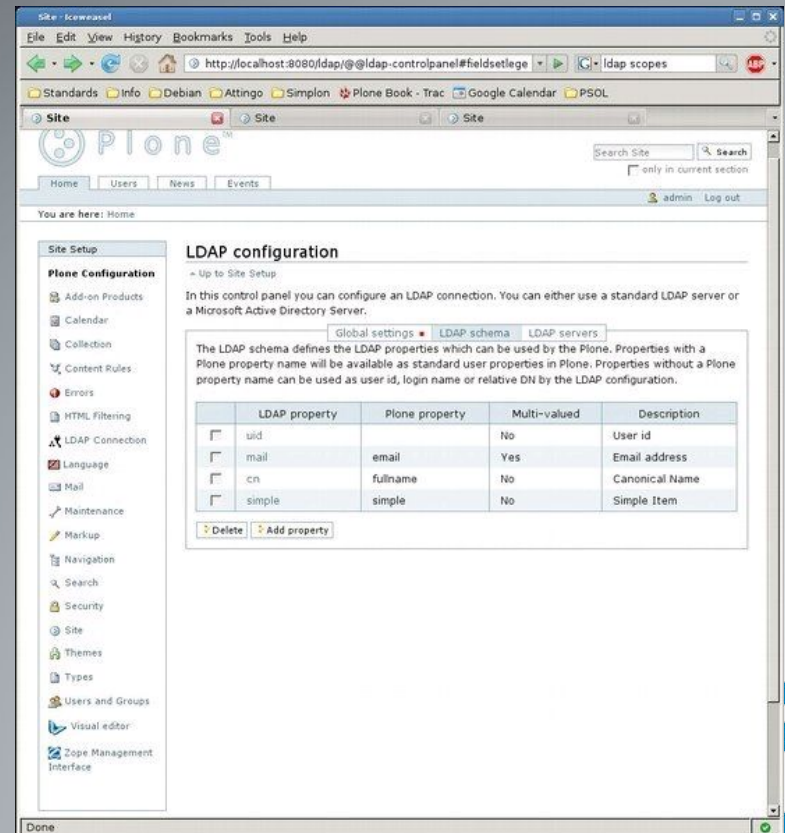


# 認証を統合したい



# 認証を統合したい

- plone.app.Idap
- Plone の認証を LDAP または ActiveDirectory で



The screenshot shows the Plone LDAP configuration control panel in a browser window. The page title is "LDAP configuration" and it includes a navigation menu on the left with options like "Site Setup", "Plone Configuration", "Add-on Products", "Calendar", "Collection", "Content Rules", "Errors", "HTML Filtering", "LDAP Connection", "Language", "Mail", "Maintenance", "Markup", "Navigation", "Search", "Security", "Site", "Themes", "Types", "Users and Groups", "Visual editor", and "Zope Management Interface".

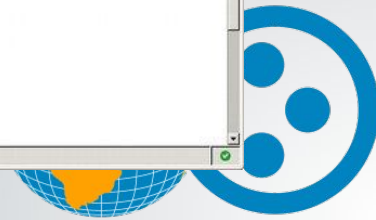
The main content area is titled "LDAP configuration" and contains the following text:

In this control panel you can configure an LDAP connection. You can either use a standard LDAP server or a Microsoft Active Directory Server.

The LDAP schema defines the LDAP properties which can be used by the Plone. Properties with a Plone property name will be available as standard user properties in Plone. Properties without a Plone property name can be used as user id, login name or relative DN by the LDAP configuration.

	LDAP property	Plone property	Multi-valued	Description
<input type="checkbox"/>	uid		No	User id
<input type="checkbox"/>	mail	email	Yes	Email address
<input type="checkbox"/>	cn	fullname	No	Canonical Name
<input type="checkbox"/>	simple	simple	No	Simple Item

At the bottom of the table, there are buttons for "Delete" and "Add property".





# 認証を統合したい



- plonesocial.auth.rpx
- Google, Yahoo!, twitter, facebook などのアカウントでログイン可能に

RPX Login

Log in with online id

Sign in using your account with

Powered by [RPX](#)

Please log in


Login with Plone

Login Name

Password

**Forgot your password?**  
If you have forgotten your password, [we can send you a new one.](#)

**New user?**  
If you do not have an account here, head over to the [registration form.](#)



# 写真をアルバム表示

- Products.PloneSlimbox
  - 私が作ってます ( 宣伝 )
- collective.plonetruegallery
- se.portlet.gallery



# Blog やりたい

- collective.blogging
- Products.Scrawl



# 地図を表示したい

- Products.ATGoogleMaps
  - 最近 plone3 対応しました ( 宣伝 )
- Products.Maps



# 検索を強化

- Products.BigramSplitter
  - 日本語を bigram 検索
- Products.OpenXml
  - Office2007 を検索
- c2.transform.msoffice
  - MS Office を POI 経由で検索



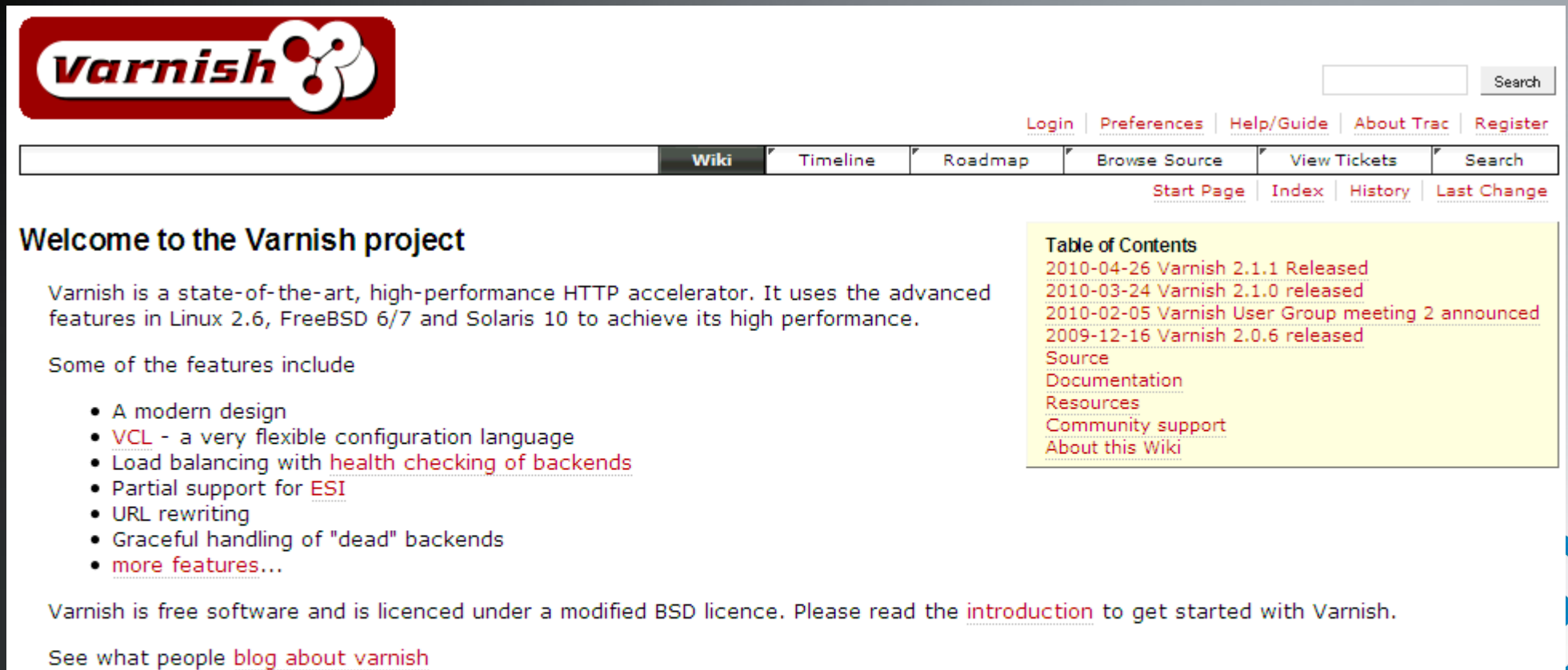
# デザインを変えたい

- theme から探す
- Deliverance で書き換える
- collective.xdv で書き換える
- 詳しくはしみずかわさんに聞いてください



# 速くしたい

- Products.CacheSetup
- Varnish を使いましょう



The screenshot shows the Varnish project website. At the top left is the Varnish logo, which consists of the word "Varnish" in a stylized font next to a graphic of three red circles connected by lines. To the right of the logo is a search box with a "Search" button. Below the logo and search box is a navigation bar with links for "Login", "Preferences", "Help/Guide", "About Trac", and "Register". Below the navigation bar is a secondary navigation bar with links for "Wiki", "Timeline", "Roadmap", "Browse Source", "View Tickets", and "Search". Below the secondary navigation bar is a third navigation bar with links for "Start Page", "Index", "History", and "Last Change". The main content area is titled "Welcome to the Varnish project" and contains a paragraph describing Varnish as a state-of-the-art, high-performance HTTP accelerator. It lists some of the features include: A modern design, VCL - a very flexible configuration language, Load balancing with health checking of backends, Partial support for ESI, URL rewriting, Graceful handling of "dead" backends, and more features... To the right of the main content area is a yellow box titled "Table of Contents" containing links for "2010-04-26 Varnish 2.1.1 Released", "2010-03-24 Varnish 2.1.0 released", "2010-02-05 Varnish User Group meeting 2 announced", "2009-12-16 Varnish 2.0.6 released", "Source", "Documentation", "Resources", "Community support", and "About this Wiki". At the bottom of the page, there is a paragraph stating "Varnish is free software and is licenced under a modified BSD licence. Please read the introduction to get started with Varnish." and a link "See what people blog about varnish".

**Welcome to the Varnish project**

Varnish is a state-of-the-art, high-performance HTTP accelerator. It uses the advanced features in Linux 2.6, FreeBSD 6/7 and Solaris 10 to achieve its high performance.

Some of the features include

- A modern design
- [VCL](#) - a very flexible configuration language
- Load balancing with [health checking of backends](#)
- Partial support for [ESI](#)
- URL rewriting
- Graceful handling of "dead" backends
- [more features...](#)

Varnish is free software and is licenced under a modified BSD licence. Please read the [introduction](#) to get started with Varnish.

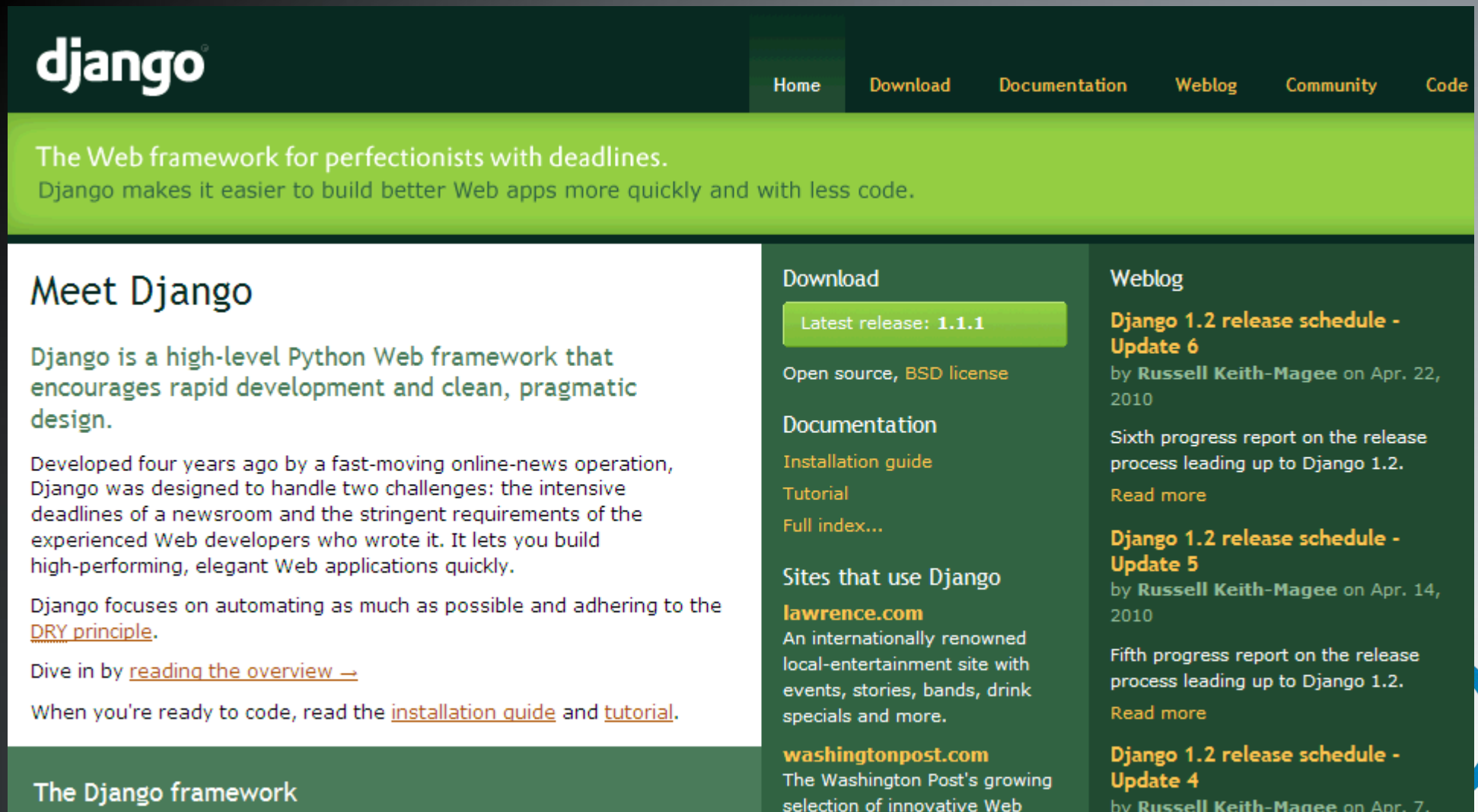
See what people [blog about varnish](#)

**Table of Contents**

- [2010-04-26 Varnish 2.1.1 Released](#)
- [2010-03-24 Varnish 2.1.0 released](#)
- [2010-02-05 Varnish User Group meeting 2 announced](#)
- [2009-12-16 Varnish 2.0.6 released](#)
- [Source](#)
- [Documentation](#)
- [Resources](#)
- [Community support](#)
- [About this Wiki](#)

# RDB と連携したい

- django などをどうぞ



The screenshot shows the Django website homepage. At the top left is the Django logo. To its right is a navigation menu with links for Home, Download, Documentation, Weblog, Community, and Code. Below the navigation is a green banner with the text: "The Web framework for perfectionists with deadlines. Django makes it easier to build better Web apps more quickly and with less code." The main content area is divided into three columns. The left column is titled "Meet Django" and contains a paragraph describing Django as a high-level Python Web framework, followed by a paragraph about its development history and a link to the overview. The middle column has three sections: "Download" with a "Latest release: 1.1.1" button and a link to the BSD license; "Documentation" with links to the installation guide, tutorial, and full index; and "Sites that use Django" with examples like lawrence.com and washingtonpost.com. The right column is titled "Weblog" and features two entries for the "Django 1.2 release schedule" with update numbers 5 and 6, each with a "Read more" link.

**django**

Home Download Documentation Weblog Community Code

The Web framework for perfectionists with deadlines.  
Django makes it easier to build better Web apps more quickly and with less code.

## Meet Django

Django is a high-level Python Web framework that encourages rapid development and clean, pragmatic design.

Developed four years ago by a fast-moving online-news operation, Django was designed to handle two challenges: the intensive deadlines of a newsroom and the stringent requirements of the experienced Web developers who wrote it. It lets you build high-performing, elegant Web applications quickly.

Django focuses on automating as much as possible and adhering to the [DRY principle](#).

Dive in by [reading the overview](#) →

When you're ready to code, read the [installation guide](#) and [tutorial](#).

## Download

Latest release: **1.1.1**

Open source, [BSD license](#)

## Documentation

[Installation guide](#)

[Tutorial](#)

[Full index...](#)

## Sites that use Django

**lawrence.com**  
An internationally renowned local-entertainment site with events, stories, bands, drink specials and more.

**washingtonpost.com**  
The Washington Post's growing selection of innovative Web

## Weblog

**Django 1.2 release schedule - Update 6**  
by [Russell Keith-Magee](#) on Apr. 22, 2010  
[Read more](#)

Sixth progress report on the release process leading up to Django 1.2.

**Django 1.2 release schedule - Update 5**  
by [Russell Keith-Magee](#) on Apr. 14, 2010  
[Read more](#)

Fifth progress report on the release process leading up to Django 1.2.

**Django 1.2 release schedule - Update 4**  
by [Russell Keith-Magee](#) on Apr. 7, 2010  
[Read more](#)

## The Django framework

# ドキュメントを生成したい

- Products.PloneHelpCenter



# ドキュメントを生成したい

- ~~Products.PloneHelpCenter~~
- Sphinx をどうぞ



The screenshot shows the Sphinx website header with the logo (an eye) and the text "SPHINX PYTHON DOCUMENTATION GENERATOR". Navigation links include "Sphinx home", "Documentation", "modules", and "index".

## Welcome

Sphinx is a tool that makes it easy to create intelligent and beautiful documentation, written by Georg Brandl and licensed under the BSD license.

It was originally created to translate [the new Python documentation](#), and it has excellent support for the documentation of Python projects, but other documents can be written with it too. Of course, this site is also created from reStructuredText sources using Sphinx!

It is still under constant development, and the following features are already

What users say:

"Cheers for a great tool that actually makes programmers **want** to write documentation!"

### Download

Current version: **0.6.5**

Get Sphinx from the [Python Package Index](#), or install it with:

```
easy_install -U Sphinx
```

Latest [development version docs](#) are also available.



# 課題を管理したい


- Products.Poi



# 課題を管理したい

- Products.Poi
- Trac をどうぞ

Edgewall Software

 **trac**  
Integrated SCM & Project Management

検索

ログイン | 個人設定 | ヘルプガイド | Trac について

Home **Trac** Genshi Babel Bitten Posterity

Wiki タイムライン ロードマップ リポジトリブラウザ チケットを見る チケット登録 検索

wiki: [WikiStart](#) [スタートページ](#) | [ページ一覧](#) | [このページの履歴](#)  
最終更新 5 週前

## Welcome to the Trac Open Source Project.

Trac is an enhanced wiki and issue tracking system for software development projects. Trac uses a minimalistic approach to web-based software project management. Our mission is to help developers write great software while staying out of the way. Trac should impose as little as possible on a team's established development process and policies.

It provides an interface to [Subversion](#) (or other [version control systems](#)), an integrated Wiki and convenient reporting facilities.

Trac allows [wiki markup](#) in issue descriptions and commit messages, creating links and seamless references between bugs, tasks, changesets, files and wiki pages. A [timeline](#) shows all current and past project events in order, making the acquisition of an overview of the project and tracking

**Try out our demos!**

[Trac 0.11 demo](#)  
or  
[Trac 0.12 demo](#)



# プロジェクトを管理したい

- Products.eXtremeManagement



# プロジェクトを管理したい

- ~~Products.eXtremeManagement~~
- やっぱ Trac をどうぞ
  - 国際化された 0.12 がもうすぐ

Edgewall Software

 **trac**  
Integrated SCM & Project Management

検索

ログイン | 個人設定 | ヘルプガイド | Trac について

Home **Trac** Genshi Babel Bitten Posterity

Wiki | タイムライン | ロードマップ | リポジットブラウザ | チケットを見る | チケット登録 | 検索

wiki: [WikiStart](#) [スタートページ](#) | [ページ一覧](#) | [このページの履歴](#)  
最終更新 5 週前

## Welcome to the Trac Open Source Project.

Trac is an enhanced wiki and issue tracking system for software development projects. Trac uses a minimalistic approach to web-based software project management. Our mission is to help developers write great software while staying out of the way. Trac should impose as little as possible on a team's established development process and policies.

**Try out our demos!**

[Trac 0.11 demo](#)  
or  
[Trac 0.12 demo](#)

# 「プロダクトの紹介」まとめ

- 適材適所で使いましょう
- Plone が向いているところとそうじゃないところがあります



# ここで CM

- あとでプレゼントに出します



# プロダクトを作ろう



# プロダクトを作ろう

- いきなり作るのは難しいと思います
- まずは既存のプロダクトの真似をしましょう
- Python の知識は必須
  - そんな高度なことは知らなくていいけど



# プロダクトを作るには

- Paster でスケルトンを作る
- サンプルコードを使う
- ArchGenXML を使う



# ZopeSkel でスケルトンを作る

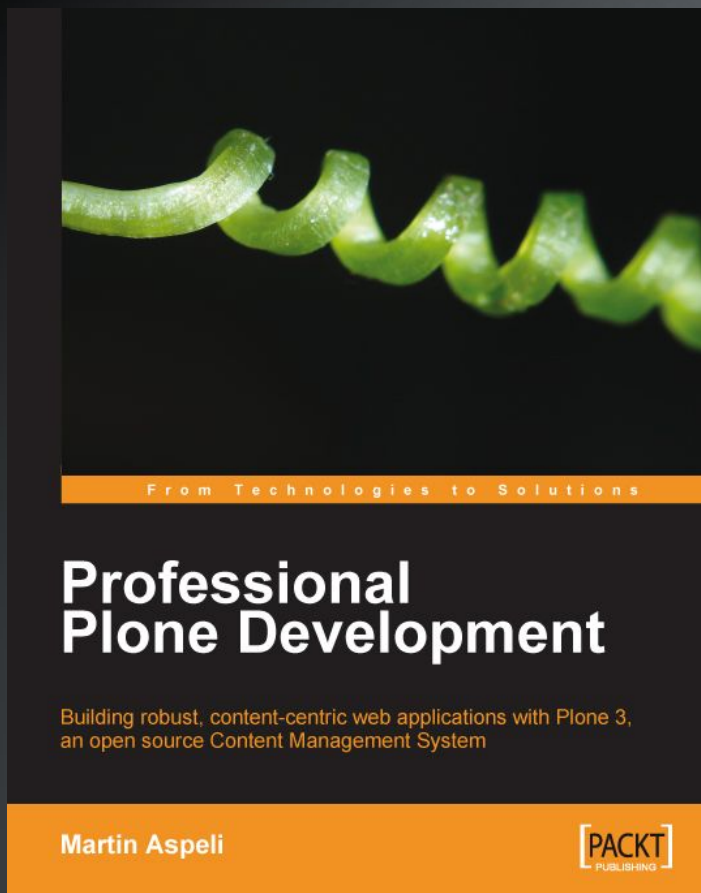
```
% easy_install ZopeSkel  
% zopeskel --help  
% zopeskel create -t plone collective.hoge
```

- あとは自力で書く



# プロダクト開発をもっと詳しく

- こちらの本をどうぞ (今なら 20%off)



# プロダクトを作ったら

- plone.org にアカウントを作って公開
- PyPI にも公開

```
% python setup.py register  
% python setup.py register sdist bdist_egg upload
```



# 独自コンテンツがほしいだけ

- そんなあなたに「dexterity」

```
extends =  
    http://good-py.appspot.com/release/dexterity/1.0b1  
:  
eggs =  
    plone.app.dexterity
```



# 「プロダクトを作ろう」まとめ

- 作ったら公開
- 海外から po が届くとうれしいよ
- dexterity を試してみてもいいかも



# おわり

- プロダクトの雰囲気はわかっていただけでしたか
- いろいろ使ってみて気に入らなかったら改造してみてください
- ゆくゆくはプロダクト作って公開しちゃってみてください



ありがとうございました

