catalyst
Web Framework

Perl MVC framework

[Get started now!](#) 5.90114 - 19 December 2016 Open Source, GPL/Artistic

Turbocharge your web development!

Catalyst is the most popular Perl MVC framework and makes creating web applications fun, rewarding and quick.

- [About](#)
- [Sites using Catalyst](#)
- [Documentation](#)
- [Wiki](#)
- [Download](#)
- [Support](#)
- [How-Tos](#)

What is Catalyst?

Catalyst is an open-source Perl [MVC](#) web framework that encourages rapid development and clean design without getting in your way by forcing rules.

We tend to keep things small and simple. This gives us robustness and scalability - your Catalyst-based app also inherits those. No complicated object hierarchies.

Why reinvent the wheel? When you write your app with Catalyst, you don't have to care much about session handling or authorization. You just use it. [CPAN](#) has a vast amount of power, which we bring to you. If you don't like something in default setup, why not replace it? There Is More Than One Way To Do It. You can choose from a wealth of available models and views, drop in a bunch of plugins and create the setup that fits you best.

Many high-profile sites like the [BBC iPlayer](#), [123people](#), [magazines.com](#) and [urbia.de](#) are already using Catalyst. Check out some other [sites which are using Catalyst](#).

Why Catalyst?

Versatile Models

Use a powerful database ORM like [DBIx::Class](#) for your model, plain old [DBI](#) or even [LDAP](#) - Catalyst supports a [wide range of models](#).

Flexible Views

Use whatever templating language you like best: [Template::Toolkit](#), [Mason 2](#), [HTML::Template](#) and many more are fully supported.

Integrated Development server

Catalyst comes with its own lightweight test server for development. It automatically restarts when your sources have changed, so you get instant results!

Works with all major webservers

Catalyst 5.9 has native [PSGI/Plack](#) support which makes deployment for most webservers a no-brainer. Plus, there are loads of [engines](#) targeting specific servers/protocols like [Apache/mod_perl](#) or FastCGI.

Ready-to-use plugins

Don't re-invent the wheel! Use well-tested plug-ins for [session management](#), [user authentication](#), [caching](#) and [much more](#).

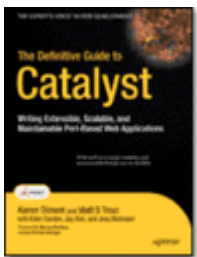# How do I get started?

1. ## [Quick Install Guide](#)

   For more details and other platforms read the extended [Installing Catalyst guide](#).

2. ## [Tutorial](#)

   Learn how to build your first complete Catalyst application with all the nuts'n'bolts of modern web applications.

Get the book

The Definitive Guide to Catalyst

This book by Kieren Diment, Matt Trout and other core Catalyst developers, published by [Apress](#) is now available for purchase from [Amazon.com](#), or get the [eBook (PDF) from Apress](#).

Quick install guide

Solution #1: With a fresh Perl installation (recommended for all platforms)

Why a fresh Perl installation is a good idea: *Having your own Perl interpreter in addition to the one provided by your system is generally a good idea because upgrading your system does not affect your development/production Perl installation and libraries. Plus, you will get the latest and greatest Perl version to work with.*

1. Install Perl

This guide shows you how to install the latest stable Perl version for different platforms alongside invaluable tools like local::lib (which allows the installation of CPAN modules like Catalyst without the need for root privileges) and the excellent cpanm installer.

2. Install Catalyst

Run the following command to install Catalyst using cpanm:

```
cpanm Catalyst::Devel
```

Solution #2: With an already installed Perl

If you haven't installed cpanm and local::lib yet, run the following command as an **unprivileged** (i.e. non-root) user to get everything up and running:

```
curl -L cpanmin.us | perl - -l $HOME/perl5 App::cpanminus local::lib Catalyst::Devel
```

This installs cpanm, local::lib and of course Catalyst into your home directory.

If you already have cpanm installed, it's just a matter of:

```
cpanm Catalyst::Devel
```

Detailed installation instructions

You can find more in-depth information about possible ways to install Catalyst on various platforms in the Installing Catalyst guide.

If you have any questions regarding the installation do not hesitate to swing by our IRC channel or send a mail to the Catalyst mailing list.

Done ... Now what?

Head on over to the tutorial to get started.

Featured sites using Catalyst

- BBC iPlayer TV and radio highlights (mention)

- www.123people.com Realtime people search engine (mention)

- www.urbia.de Germany's most popular community for all things family Alexa Traffic Rank: [6,092](6,092)

- Magazines.com Magazines.com is the oldest, the largest, and the most dependable magazine subscription service on the Internet. Alexa Traffic Rank: [11,163](11,163)

- www.freecycle.org Changing the world one gift at a time Alexa Traffic Rank: [14,411](14,411)

- www.tripwolf.com Your travel guide (mention) Alexa Traffic Rank: [16,603](16,603)

- Manchester Evening News Site of the English daily newspaper (announcement) Alexa Traffic Rank: [16,860](16,860)

- Foxtons.co.uk London's Leading Estate Agent. Alexa Traffic Rank: [20,962](20,962)

- takkle.com High School Sports Social Network. Alexa Traffic Rank: [43,646](#)

- Mister Poll Online polls ([announcement](#)) Alexa Traffic Rank: [68,363](#)

- iusethis.com Organize and discover apps. Alexa Traffic Rank: [71,957](#)

You'll find more [sites using Catalyst in the Catalyst wiki](#).

Getting started

- [Download](#)
- [Tutorial](#)

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- [Documentation](#)
- [Wiki](#)
- [Cookbook](#)
- [Mailing lists](#)
- [IRC](#)
- [Commercial Support](#)

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- [Developers](#)
- [Extending Catalyst](#)