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# Refinery CMS

## Installation Prerequisites

This guide covers getting your system ready for Refinery. Afterwards you will have:

- A working version of Ruby
- ImageMagick installed
- Either the SQLite, MySQL, or PostgreSQL database configured

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### 1 Checklist

If you are already a Rails developer, you will most likely not have to install anything else. Here's the requirements for Refinery:

- **Ruby** – 1.9.3, 2.0.0, Rubinius, and JRuby are all acceptable
- **RubyGems** – Recommended that you have the latest version installed
- **Database** – SQLite3 (default), MySQL, or PostgreSQL
- **ImageMagick** – Recommended that you have the latest version installed

If you have all of these things, great! Proceed on to the [Getting Started with Refinery](#) guide.

Otherwise, choose your operating system below.

## 2 Ubuntu

### 2.1 Ruby

If you're planning on using Ruby a lot, the best way to install it is using the [Ruby Version Manager](#) (RVM)

```
sudo apt-get install ruby
```

RootFile

Do not install Ruby 1.9.1, there is a known bug which will not allow Refinery to work.

### 2.2 RubyGems

If you used RVM above then this step will not be necessary.

```
sudo apt-get install rubygems
```

RootFile

### 2.3 Database

For SQLite:

```
sudo apt-get install sqlite3 libsqlite3-dev
```

RootFile

For MySQL:

```
sudo apt-get install mysql-client mysql-server libmysqlclient-dev
```

RootFile

### 2.4 ImageMagick

```
sudo apt-get install imagemagick
```

RootFile

## 3 Mac OS X

### 3.1 Ruby

The best way to install Ruby is using the [Ruby Version Manager](#) (RVM)

### 3.2 Rubygems

Rubygems also comes installed by default, however, it is an old version which will cause problems. Update using:

```
gem update --system
```

RootFile

Also, due to an RDoc bug, you'll need to update it as well:

```
gem install rdoc
```

RootFile


### 3.3 Database

SQLite is most likely already installed.

### 3.4 ImageMagick

Use this shell script: <https://github.com/maddox/magick-installer>. Or, if you have [Homebrew](#) installed, you can use:

```
brew install imagemagick
```



## 4 Windows

### 4.1 Ruby and Rubygems

<http://www.railsinstaller.org/> provides a great installer to get you up and running in no time. Just download the kit and follow through the installer.

### 4.2 Database

If you used Rails Installer, then SQLite will have been installed by default. For MySQL, follow the instructions at the MySQL website: <http://www.mysql.com/downloads/mysql/>

### 4.3 ImageMagick

Warning. ImageMagick is tricky to install on Windows. Make sure to read the instructions carefully, and if one version does not work for you try an older version as well.

Follow the instructions at <http://www.imagemagick.org/script/binary-releases.php#windows>

## 5 Ready to Install!

Easier than expected right? Now you're ready to start building great websites with Refinery! Proceed on to the [Getting Started with Refinery](#) guide.

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