



Student Robotics Website

<https://studentrobotics.org>

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Welcome to Student Robotics

Student Robotics is an exciting competition, held at the University of Southampton, between teams of students from sixth form schools and colleges, to build fully autonomous robots. Led by a group of students from the University of Southampton, participating teams will have to design, build and test their robots, ready to compete against other teams.

KickStart Happened. It Was Awesome!

KickStart kicked off the SR 2011 competition today and everything went extremely well. For those of you taking part, the rules for the 2011 competition are now live. [Read More...](#)

Take a Look Around

[Schools & Colleges](#)[Competition](#)[Joining](#)

Want to Get Involved?

Student Robotics is always looking for more people to get involved, and not just schools. Whether you're a University

The Kit

Student Robotics design and build a range of easily-programmable boards



Git

<http://git-scm.com/>

- ▶ A (Distributed) Version Control System
- ▶ Stores small changes to files, allowing you to:
 - ▶ Go back in time
 - ▶ Revert certain changes
 - ▶ Find out where something broke



PHP

<http://php.net/>



- ▶ General-purpose scripting language
- ▶ Simple example:

```
<?php  
echo "Snails can sleep for" .  
    " 3 years";  
?>
```



Smarty

<http://www.smarty.net/>

- ▶ Templating system
- ▶ Cleaner PHP and HTML

A template like:

```
<span class="name">  
    Hi, {$name}  
</span>
```

Could output HTML like:

```
<span class="name">  
    Hi, Bob McTest-Test  
</span>
```



MarkDown

<http://daringfireball.net/projects/markdown/>

- ▶ Simple, email-like formatting
- ▶ Converted to valid HTML
- ▶ Removes the urge to style content in HTML



Markdown

<http://daringfireball.net/projects/markdown/>

- ▶ Markdown like:

Cheesy Badgers

=====

Cheesy badgers are both:

- * cheesy; and
- * badgery

- ▶ Would produce HTML like:

```
<h1>Cheesy Badgers</h1>
```

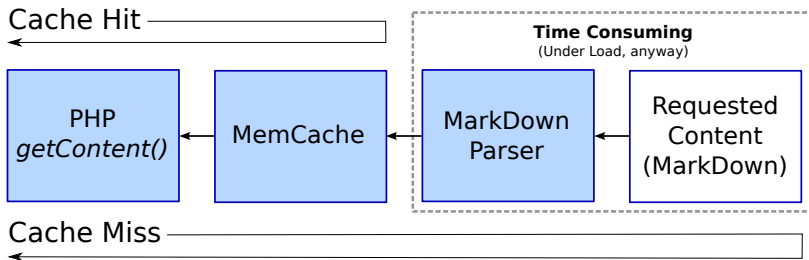
```
<p>Cheesy badgers are  
both:</p>
```

```
<ul>  
  <li>cheesy; and</li>  
  <li>badgery</li>  
</ul>
```



MemCache

<http://memcached.org/>



Getting hold of it

- ▶ Install git
- ▶ `git clone git://srobo.org/srweb.git`

