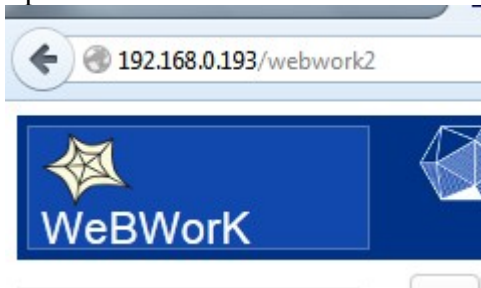


The Network

Production Server

Using the server's IP address it can be accessed by any computer "on" the same router.



The organization's networking department will be able to route the appropriate incoming traffic to this server.

Home-Development Server

Your router can be configured to direct traffic from outside to your webwork server. Depending on your setup you should be able to access this server world-wide.

DHCP RESERVATIONS LIST			
Enable	Computer Name	MAC Address	IP Address
<input checked="" type="checkbox"/>	hp-ubuntu	00:1a:6b:4f:6f:34	192.168.0.193

24--VIRTUAL SERVERS LIST			
	Name		Port
<input checked="" type="checkbox"/>	HTTP	<< Application Name	80
	IP Address	<< Computer Name	80
	192.168.0.193		

Here 192.168.0.193 will always be assigned to the same computer specified by the MAC address.

Any HTTP traffic for which the router has no known address will be sent to this computer.

*Some Comparisons:

Money

Commercial

- Students pay for code to access publisher's website (or purchase new book with code included).

Webwork

- School maintains its own server; student pays nothing.

Guidance for students

Commercial

- links to relevant section of electronic version of textbook. Solutions often included.

Webwork

- Some problems have hints or solutions.

Homework Problems

Commercial

- Problems come with the book, and are matched to the book.

Webwork

- Problems (typically) need to be matched up, found, or written to match course content.

Implementation

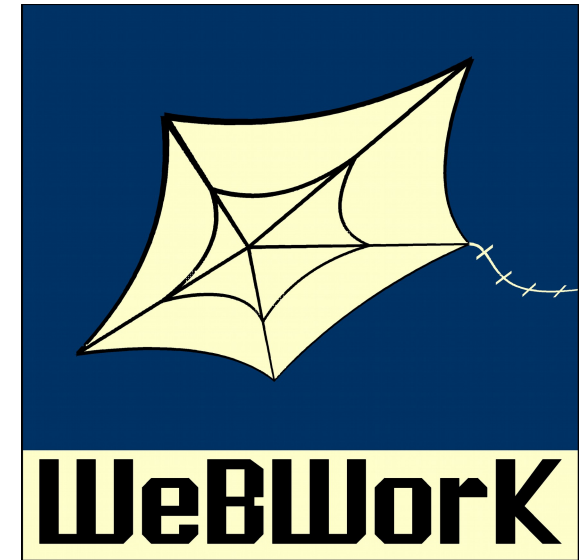
Commercial

- School has no control over server

Webwork

- School server can be used for preparation, training and documentation.

* Comments are generalizations and may be speculative in nature.



WeBWorK is an **open-source, online homework system for math and science courses.**

WeBWorK began at the **University of Rochester** and development proceeded in conjunction with other leading American colleges and universities. The effort is becoming more international and work is now being done in **French, Spanish, and Turkish.**

WeBWorK is supported by the **Mathematical Association of America** and the **United States National Science Foundation**

Main Website: <http://webwork.maa.org>