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Into the Great Wide Open...

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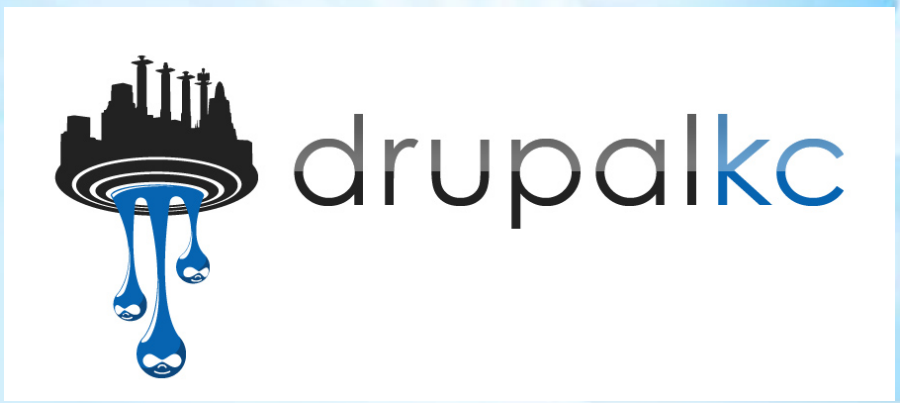
Into The Great Wide
Open...

Who I am and what I do

- JCCC Ed Tech Center
- TwentyPixel – Web Development
- DrupalKC.org – Drupal Users Group
- Computer Animation



Who are you?

- How many of you are instructors?
- How many of you are support?
- Librarians?
- How many use open source software on a daily basis?
- How many have heard of Drupal?
- How many have worked with Drupal?

The TRUTH about Open Source

It’s COMMUNISM!

Video Time!

What is open source?

"Open Source is a way for people to collaborate on software without being encumbered by the problems of intellectual property."

Definition of Open Source

Introduction

Open source doesn't just mean access to the source code. The distribution terms of open-source software must comply with the following criteria:
1. Free Redistribution

The license shall not restrict any party from selling or giving away the software as a component of an aggregate software distribution containing programs from several different sources. The license shall not require a royalty or other fee for such sale.
2. Source Code

The program must include source code, and must allow distribution in source code as well as compiled form. Where some form of a product is not distributed with source code, there must be a well-publicized means of obtaining the source code for no more than a reasonable reproduction cost preferably, downloading via the Internet without charge. The source code must be the preferred form in which a programmer would modify the program. Deliberately obfuscated source code is not allowed. Intermediate forms such as the output of a preprocessor or translator are not allowed.
3. Derived Works

The license must allow modifications and derived works, and must allow them to be distributed under the same terms as the license of the original software.
4. Integrity of The Author's Source Code

The license may restrict source-code from being distributed in modified form only if the license allows the distribution of "patch files" with the source code for the purpose of modifying the program at build time. The license must explicitly permit distribution of software built from modified source code. The license may require derived works to carry a different name or version number from the original software.
5. No Discrimination Against Persons or Groups

The license must not discriminate against any person or group of persons.
6. No Discrimination Against Fields of Endeavor

The license must not restrict anyone from making use of the program in a specific field of endeavor. For example, it may not restrict the program from being used in a business, or from being used for genetic research.
7. Distribution of License

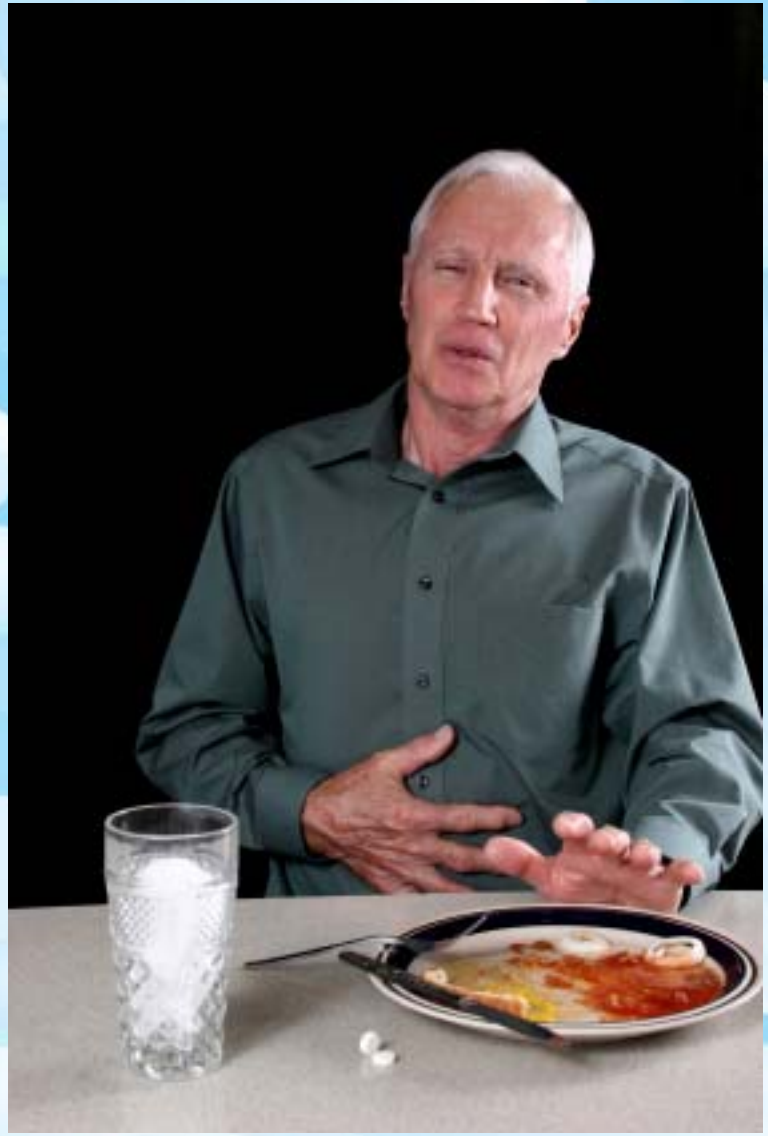
The rights attached to the program must apply to all to whom the program is redistributed without the need for execution of an additional license by those parties.
8. License Must Not Be Specific to a Product

The rights attached to the program must not depend on the program's being part of a particular software distribution. If the program is extracted from that distribution and used or distributed within the terms of the program's license, all parties to whom the program is redistributed should have the same rights as those that are granted in conjunction with the original software distribution.
9. License Must Not Restrict Other Software

The license must not place restrictions on other software that is distributed along with the licensed software. For example, the license must not insist that all other programs distributed on the same medium must be open-source software.
10. License Must Be Technology-Neutral

No provision of the license may be predicated on any individual technology or style of interface.

An Easier to Digest Version



LINK!

Open Source is....

Openess

Credit

Growth

Free Redistribution of Ideas

No such thing as a great new idea

Free Redistribution of Ideas

No such thing as a great new idea

Someone else has had it and someone else will have it.

Free Redistribution of Ideas

We don't need to hold on to ideas.

“It's not that no one has good ideas, its just that **everyone** does" –LizaK

Derived Works - ideas need to....

Grow Bigger

Ideas need to....

Ideas need to....

Die!

Cathedral and the Bazaar

Obama: Open Source President?

Barbie on Encarta

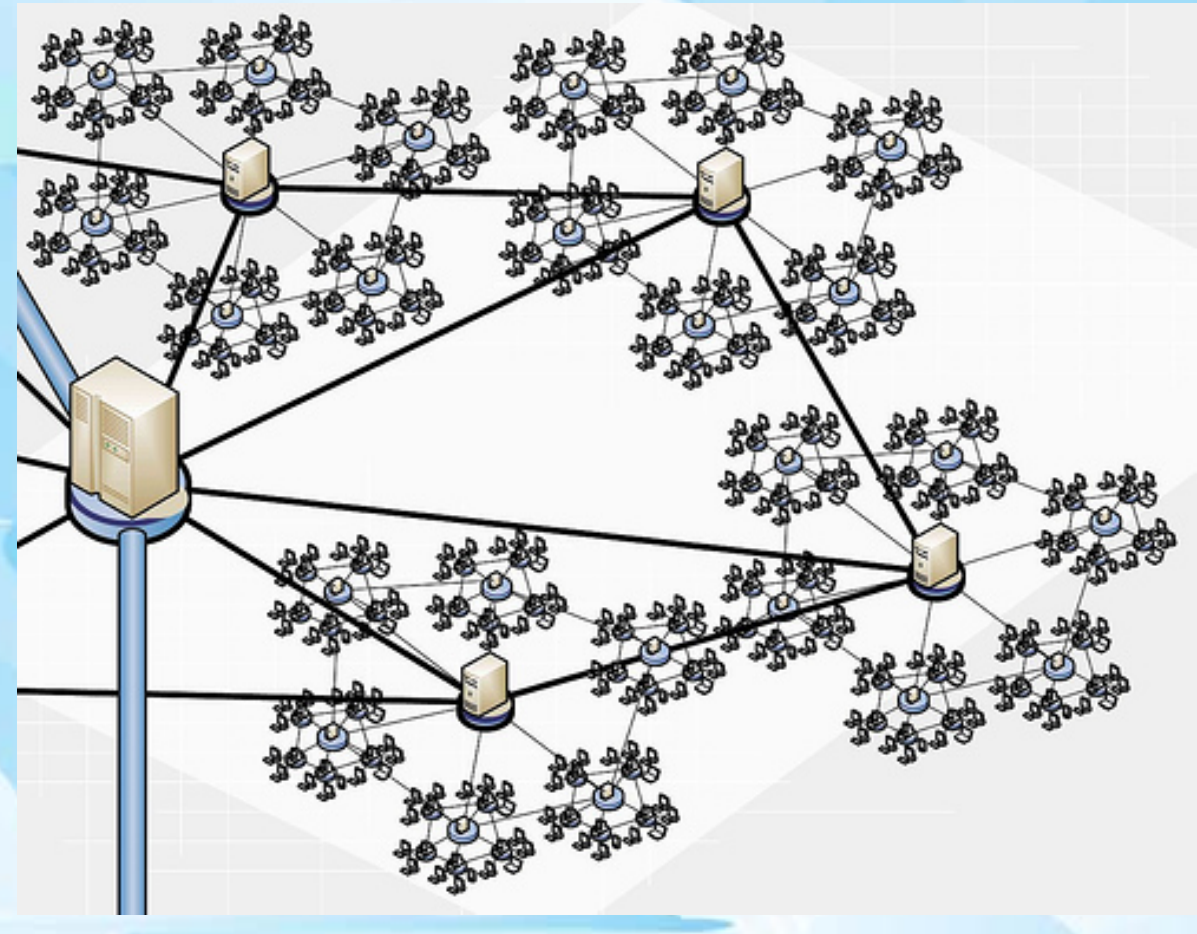
Barbie on Wikipedia

Do you see the difference?

If in 1999 I told you we needed...

- Stores terabytes
- Available 24/7 from anywhere in the world
- can support over 100 million users at any moment
- robust to attack, including
- Closure of the main index
- injection of malicious files
- armed seizures of any given set of storage media

Peer 2 Peer



SETI HOME

BitTorrent™

New Competition to Many Companies

P2P (Peer to Peer) → Recording Industry

Free/Open software → Micro$oft

Skype → Telecoms

Wikipedia → Encyclopedias

We need to build PLATFORMS not PRODUCTS.

android

How can manufacturers make money?

Revolution?

CREATE

RIP

MIX

BURN

Trailer

Connexions - http://cnx.org/

They make open source software for indexing the content in books and allowing people to use the content however they need to.

Textbook Barriers

COST

$122 with traditional publishing...

Textbook Barriers

COST

$22 printed on demand from openbook source

Textbook Barriers

Language

Most of the time you are limited to books published in your language.

More Benefits

Updates in seconds not years!

Google Books Library Project

http://books.google.com/googlebooks/library.html

Open vs Free

Why make books OPEN instead of just FREE?

Great Open Source Software

FREE	$$$$
• Firefox	• Internet Explorer
• Linux	• Windows
• GIMPSHOP	• Photoshop
• Audacity	• Soundforge
• Notepad2	• Notepad
• Blender	• Maya, 3DsMax
• VLC	• DVDPlayerPro

Case Studies