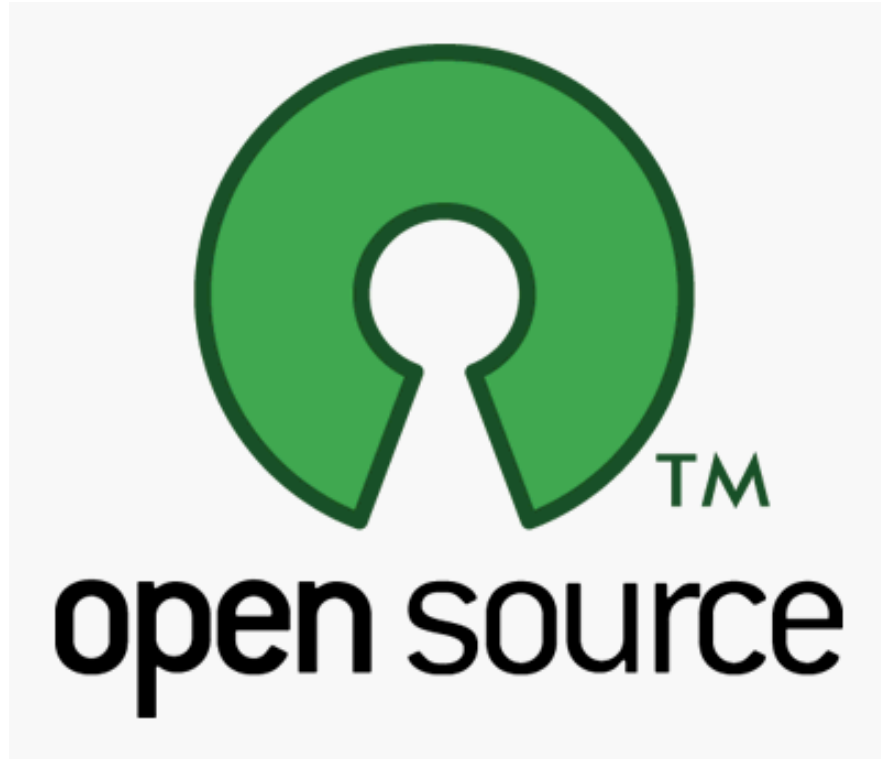


# Open Source Software

Hangover Lessons

# What is it?



# How many of these have you used?

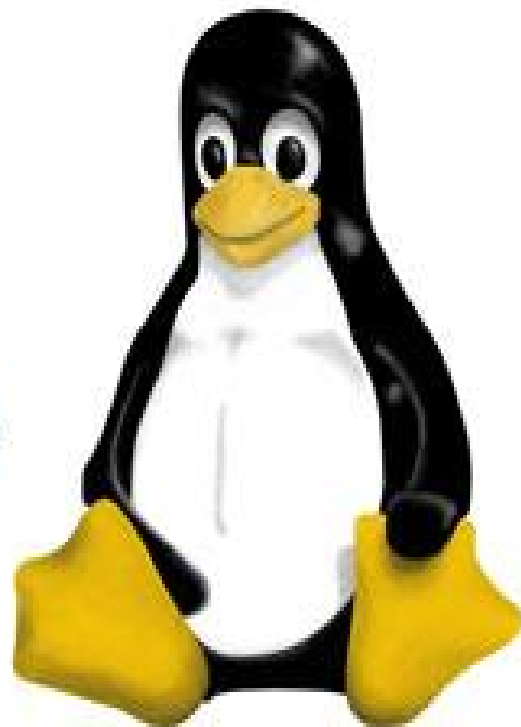


# Characteristics

1. Free redistribution
2. Source code
3. Derived work
4. Integrity of author's source code
5. No discrimination against people or groups
6. No discrimination against fields of endeavor
7. Distribution of license
8. License must not be specific to a product
9. License must not restrict other software
10. License must be technology neutral



vs.



# Windows vs. Linux

<b>Feature</b>	<b>Windows</b>	<b>Linux</b>
<b>What is it?</b>	family of OS from Microsoft at a price	Open source software development and free operating system
<b>Software programs, utility and games</b>	Majority of them are paid	Majority of them are free
<b>Reliability</b>	Although Microsoft Windows has made great improvements in reliability over the last few versions of Windows, it still cannot match the reliability of Linux	The majority of Linux variants are highly reliable
<b>Security</b>	Vulnerable to attacks	Compared to Windows, it is more secure
<b>Threat detection and solution</b>	Takes time - Microsoft releases a patch	Fast - Linux is community driven

# **Advantage**

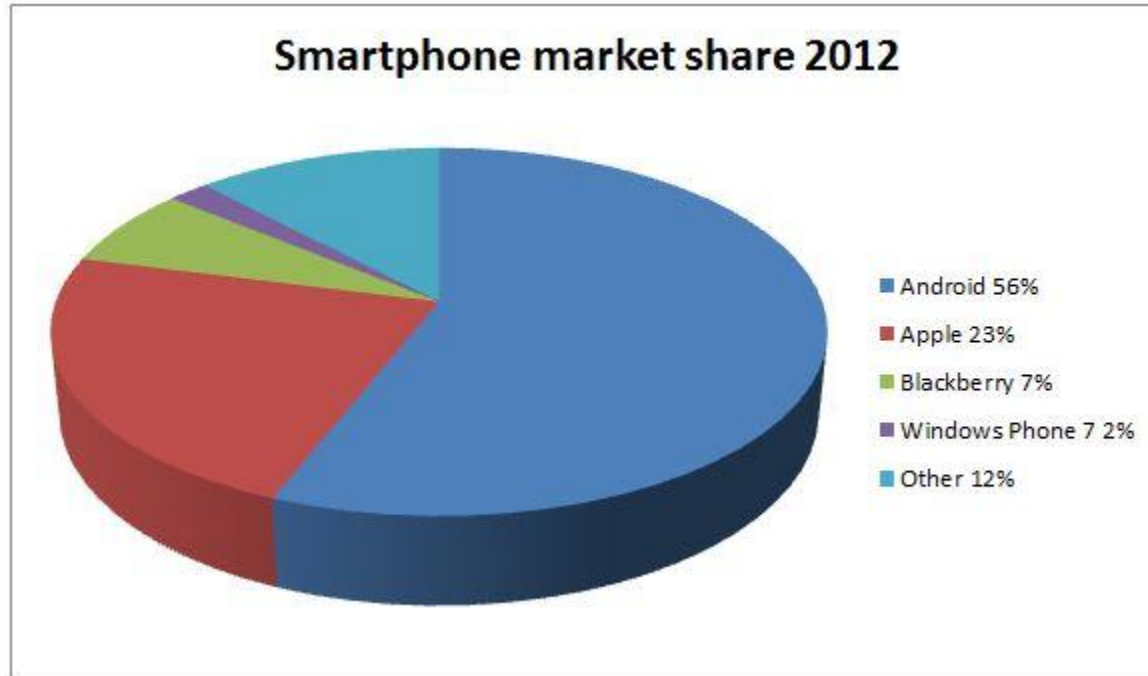
Leverage collaborative effort

# iOS vs. Android

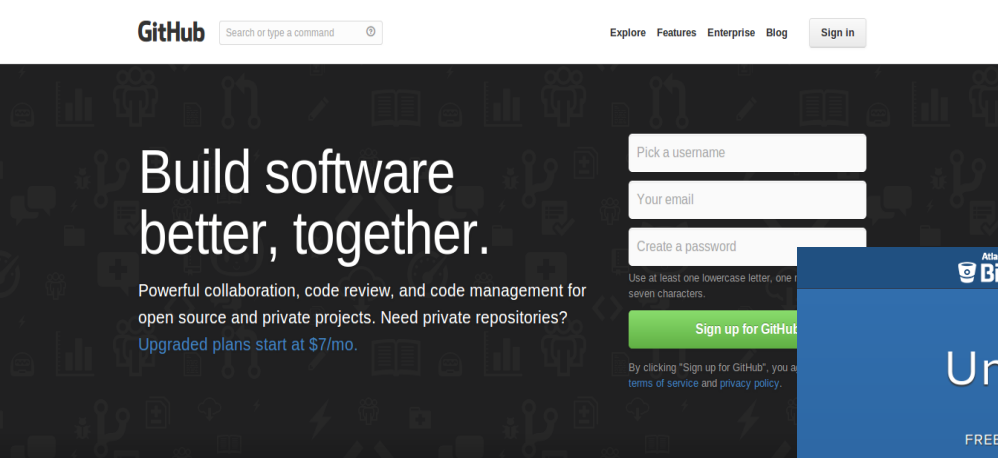




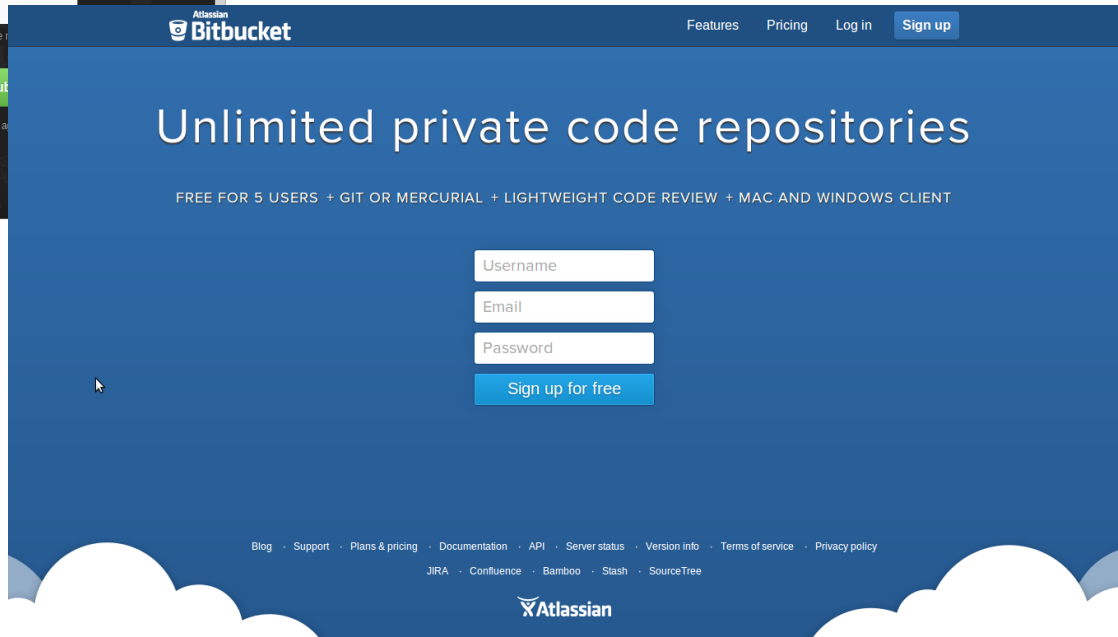
# Data and facts



# To use and contribute:



screen shot - Bitbucket



Why you'll love GitHub.  
Powerful features to make software development more collaborative.

screen shot - GitHub

# My experience:

```
void SubComponent1::buttonClicked (Button* buttonThatWasClicked)
{
    if(pButton1==buttonThatWasClicked)
    {
        dobj=pencil;
    }
    else if(pButton2==buttonThatWasClicked)
    {
        dobj=line;
    }
    else if(pButton3==buttonThatWasClicked)
    {
        dobj=rect;
    }
    sendSynchronousChangeMessage();
}
```

```
void SubComponent1::GetData(draw& drawType, Colour& colour)
{
    drawType = dobj;
    colour = dcolour;
}
```

**Just Because you pay for it,  
Doesn't mean it's better..!!**



**Secure**



**Fast**



**Free**

**Welcome to Open Source,  
The future of Computer Software.**

**Questions? :P**

**Thank you! :D**

