

CMS.611/6.073 Spring 2011  
Useful Tools List

This list is by no means complete, but should get you started. Talk to other folks in the class about their recommendations.

<b>Revision Control</b>		Version control software, provides backups and easy reversion.
Perforce	Download p4v: <a href="http://www.perforce.com/downloads/Perforce-Software-Version-Management/complete_list/Custom">http://www.perforce.com/downloads/Perforce-Software-Version-Management/complete_list/Custom</a>	Heavily used in game industry. Commercial software; you can use the Game Lab server.
Subversion	<a href="http://subversion.apache.org/">http://subversion.apache.org/</a>	Open source, server-based
Git	<a href="http://git-scm.com/">http://git-scm.com/</a>	Open source, distributed
Mercurial	<a href="http://mercurial.selenic.com/">http://mercurial.selenic.com/</a>	Open source, distributed

<b>Revision Control Hosting</b>		
SourceForge	<a href="http://sourceforge.net/">http://sourceforge.net/</a>	git, mercurial, or subversion
BitBucket	<a href="https://bitbucket.org/">https://bitbucket.org/</a>	git or mercurial
GitHub	<a href="https://github.com/">https://github.com/</a>	git

<b>Image Editing</b>		
MSPaint	Windows, installed	Surprisingly useful quick pixel art editor (esp for prototypes)
Paint.NET	Windows, <a href="http://www.getpaint.net/download.html">http://www.getpaint.net/download.html</a>	About as easy as MSPaint, but much more powerful
Photoshop	Mac, Windows	New Media Center, 26-139
GIMP	Many platforms, <a href="http://www.gimp.org/downloads/">http://www.gimp.org/downloads/</a>	Easier than photoshop, at least.

<b>Sound</b>		
GarageBand	Mac	New Media Center, 26-139
Audacity	Many platforms, <a href="http://audacity.sourceforge.net/download/">http://audacity.sourceforge.net/download/</a>	Free, open source.

<b>Game Engines</b>		
Flixel	AS3, Flex/Flash	<a href="http://flixel.org/help.html">http://flixel.org/help.html</a>
Unity3d	C#, Javascript, Boo (Python) Primarily 3d game engine	<a href="http://unity3d.com/learn/tutorials/modules">http://unity3d.com/learn/tutorials/modules</a> <a href="http://catlikecoding.com/unity/tutorials/">http://catlikecoding.com/unity/tutorials/</a> <a href="http://games.ucla.edu/resource/unity-1-beginner-tutorial-dice-making-pt-1/">http://games.ucla.edu/resource/unity-1-beginner-tutorial-dice-making-pt-1/</a>
FlashPunk	AS3, Flex/Flash	<a href="http://useflashpunk.net/tutorials/">http://useflashpunk.net/tutorials/</a>
libgdx	Java	<a href="http://steigert.blogspot.com/2012/02/1-libgdx-tutorial-introduction.html">http://steigert.blogspot.com/2012/02/1-libgdx-tutorial-introduction.html</a>
Crafty	Javascript	<a href="http://buildnewgames.com/introduction-to-crafty/">http://buildnewgames.com/introduction-to-crafty/</a>
Turbulenz	Javascript	<a href="http://docs.turbulenz.com/starter/getting_started_guide.html">http://docs.turbulenz.com/starter/getting_started_guide.html</a>

<b>Issue/Project Tracking</b>		
Fogbugz	<a href="https://www.fogcreek.com/fogbugz/">https://www.fogcreek.com/fogbugz/</a>	
Trac		
Trello	<a href="https://trello.com/">https://trello.com/</a>	
Wiki on Stellar		Shared game design docs, meeting notes, etc.

<b>Art and Sound Assets</b>		
Assemblee asset archive	<a href="http://www.derekyu.com/tigs/assemblee/">http://www.derekyu.com/tigs/assemblee/</a>	Unsorted, Creative Commons licensed art and sound assets from TIGSource's game development competition
Danc's Miraculously Flexible Game Prototyping Graphics For Small Worlds	<a href="http://www.lostgarden.com/2009/03/dancs-miraculously-flexible-game.htm">http://www.lostgarden.com/2009/03/dancs-miraculously-flexible-game.htm</a>	Hi resolution cute prototyping graphics
Smaller tilesets from Danc	<a href="http://www.lostgarden.com/2006/07/mo">http://www.lostgarden.com/2006/07/mo</a>	An assortment of smaller prototyping tile sets from Danc
Free Sound Library	<a href="http://www.freesound.org/">http://www.freesound.org/</a>	Unsorted sound assets

<b>IDE's</b>		
FlashDevelop	AS3, <a href="http://www.flashdevelop.org/">http://www.flashdevelop.org/</a>	
Eclipse	Java, Javascript, <a href="http://www.eclipse.org/downloads/">http://www.eclipse.org/downloads/</a>	
Flash Builder 4	AS3	ask us for license key

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