

Screen Capturing

On-a-Sheet

Mac OS X, MS Windows

	🚄 Mac OS X	🥙 MS Windows	
CAPTURING			
Always Available (1) -	 part of operating system and always 	available w/o starting any separate a	application
Full Screen to File	第 + û + 3	n/a	
-"- Clipboard	Ctrl + -"-	PrtScr	
Partial Screen to File	器+û+4, select area	n/a	
-"- Clipboard	Ctrl + -"-	n/a	
Window to File		n/a	
-"- Clipboard	Ctrl + -"-	Alt+PrtScr (active win)	
Notes	Can't take screen shots if DVD Player is running.	Unfortunately no standard means of directly getting shots to file.	
Always Available (2) -	- part of operating system but separat	e application that must be started	
Application(s)	Mac OS X 10.0 and later: Grab * Selection (企業A) * Window (企業W) * Screen (業Z) * Timed Screen (企業Z)	Windows Vista / 7: Snipping Tool ¹ * Free-form Snip * Rectangular Snip * Window Snip * Full-screen Snip	Win XP: sadly none
Power Tools – for mor	e advanced capturing of images, and	also audio and video; for podcasts, s	creencasts, webcasts,
Just a few examples to get you going	Copernicus, Capture Me, Jing, Camtasia (\$\$), iShowU (\$\$), ScreenRecord (\$\$), Snapz Pro X (\$\$, 5/5 MacWorld),	Jing, CamStudio (OSS), Screen Hunter Free, Windows MediaEncoder, Paraben Screen Capture (\$\$), Camtasia (\$\$\$),	Capturefox (FF add-on). No shortage of tools for capturing images, audio, video
EDITING	(++, -, -, -, -, -, -, -, -, -, -, -, -, -,	((, , ,)	1.000
Quick / basic editing	Paintbrush (DL, OSS) ²	Paint (std); Paint.NET (DL) ³	Mac: sadly no std app
Advanced – free	GIMP – GNU Image Manipulation Program; free OSS, available for Mac OS X, MS Windows, and many Linux distributions		http://www.gimp.org/
WORK FLOWS			
 Get screen shot → s 	ome editing → result into word proces	ssor (WP) / similar	
Take screen shot Editing Paste into WP	1. Ctrl+ key comb. above 2. In Paintbrush (download) - 策V, paste - Edit and select what to use - 策C (copy) or 策X (cut) 3. 策V, paste in WP	1. (Alt+) PrtScr 2. In Paint (std), Paint.NET (DL) - Ctrl+V, paste - Edit and select what to use - Ctrl+C (copy) or Ctrl+X (cut) 3. Ctrl+V, paste in WP	No difference in workflow. Mac provides more options compared to Win XP in what to capture. Vista/Win 7: see above. Office 2010: ⁴
2) Hash value of scree	n shot. Always good to have capture i		(think CIA).
Screen to File Get hash value	1. 光介3, 光介4, (above, to file) 2. Use tool to get hash value	1. (Alt+) PrtScr 2. Paste into (e.g.) Paint 3. Save file 4. Use tool to get hash value	Mac OS X includes tools for calculating and verifying hash values*. MS Win doesn't, as far as known.
Legend: # Comma ¬, Alt Alt/Alter Ctrl Control û Shift kev	native key DL Download key FF Firefox we	ality, Integrity, Availability ⁵	* md5 and openss1 command line interface (CLI) utilities.

GNU Public License Shift key GPL PrtScr Print Screen key OSS Open Source Software

Bonus:

PrtScr (re)assign on Mac. If using a PC-keyboard that include this – and other non-standard Mac keyboard keys, thus actually doesn't perform any – to this author at least – known functionality on Mac OS X 10.6. For Microsoft keyboards: Open Microsoft Keyboard (→ System Preferences...), Key Settings tab: F13 Print Screen, change 'Handled by Mac OS' to (e.g.) $\Re + \hat{u} + 4$.

Did you know? Take screen shot on iPhone by pressing Home and Sleep/Wake buttons.

Quite nice - flexible capturing of screen content. But, be cautious with markup-feature - no Undo (Ctrl+Z)! (v6.1, 2010)

² Download from http://paintbrush.sourceforge.net/ (free; GPL license)

Download from http://www.getpaint.net/ (free; not OSS; Creative Commons Attribution... license)

⁴ Office 2010 (released Jun 2010) has new text and image editing effects and screen capturing and clipping tools. Not evaluated yet and can't comment on its capabilitities.

Cornerstones in information assurance, information security