Multimedia & the Web Images, Audio, Video

Washington University in St. Louis
R. Scott Granneman
scott@granneman.com
www.granneman.com

© 2009 R. Scott Granneman Last updated 20091212 You are free to use this work, with certain restrictions. For full licensing information, please see the last slide/page.

Image Formats

Lossy & Lossless

Lossy

Discard invisible information

Offers variable quality levels

(compression)

As quality \(\psi, \)
compression \(\psi, \)
& file size \(\psi \)

Examples: GIF, JPEG

Lossless

- Ifile size without losing quality
 Not as small as a lossy file
 Use when:
 - ✓ Archival✓ Image quality valued above file size

Examples: TIFF, RAW, PNG

Raster & Vector

Web

GIF Graphics Interchange Format

Displays 256 colors chosen from millions

Best for:

- ✓ Logos
- ✓ Illustrations
- ✓ Solid areas of color

Bad for:

- ✓ Photos
 - ✓ Faces
- ✓ Things with more than 256 colors

Supports

- ✓ Animation
- ✓ Transparency

JPEG Joint Photographic Experts Group

Millions of colors Multiple levels of compression

Best for:

- ✓ Photos
 - ✓ Faces

Bad for:

- ✓ Logos
- ✓ Continuous colors

PNG Portable Network Graphics

Millions of colors

Better compression & more transparency options than GIF

Larger than JPEG with negligible gains in quality

Good for:

- ✓ Logos
- ✓ Illustrations
 - ✓ Text
- ✓ Solid areas of color

Bad for:

✓ Simple photos

Image with photography & line art?

- ✓ Large but sharp PNG
- ✓ Small but blurry JPEG

Supports
✓ Transparency

Non-Web

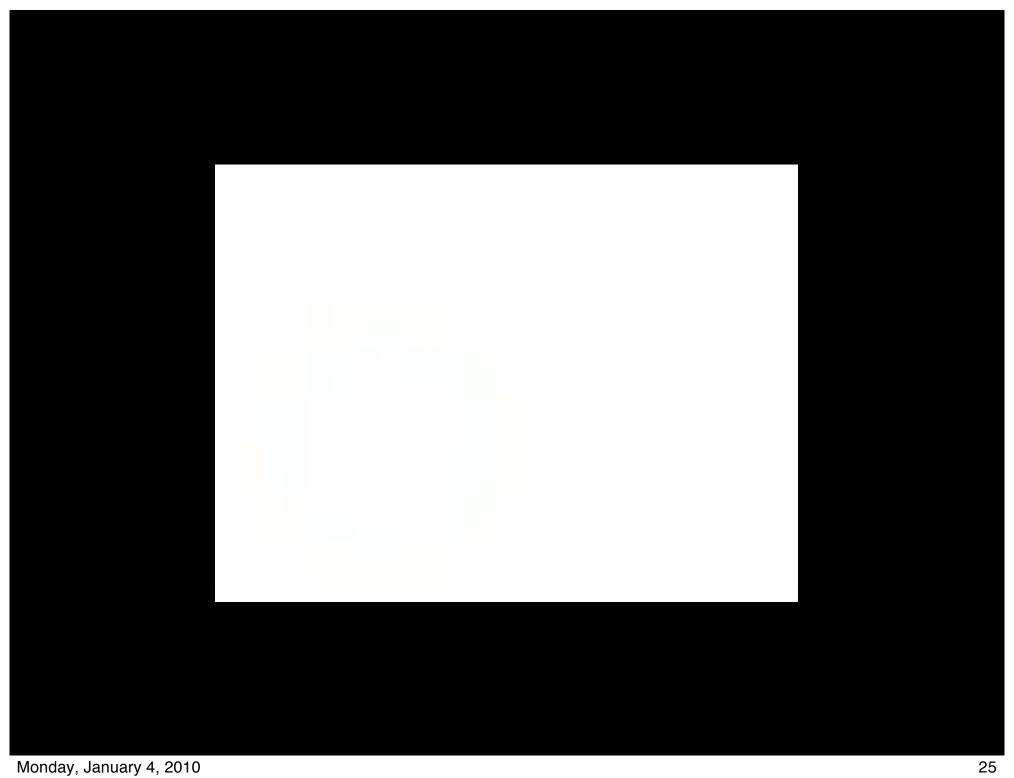




Image Sources

Free





You are free to ...

Share	Copy, distribute and transmit the work
Remix	Adapt the work

Under the following conditions ...

CC license conditions



Attribution

Must credit author

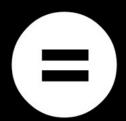


Share Alike

Derivative works under the same license

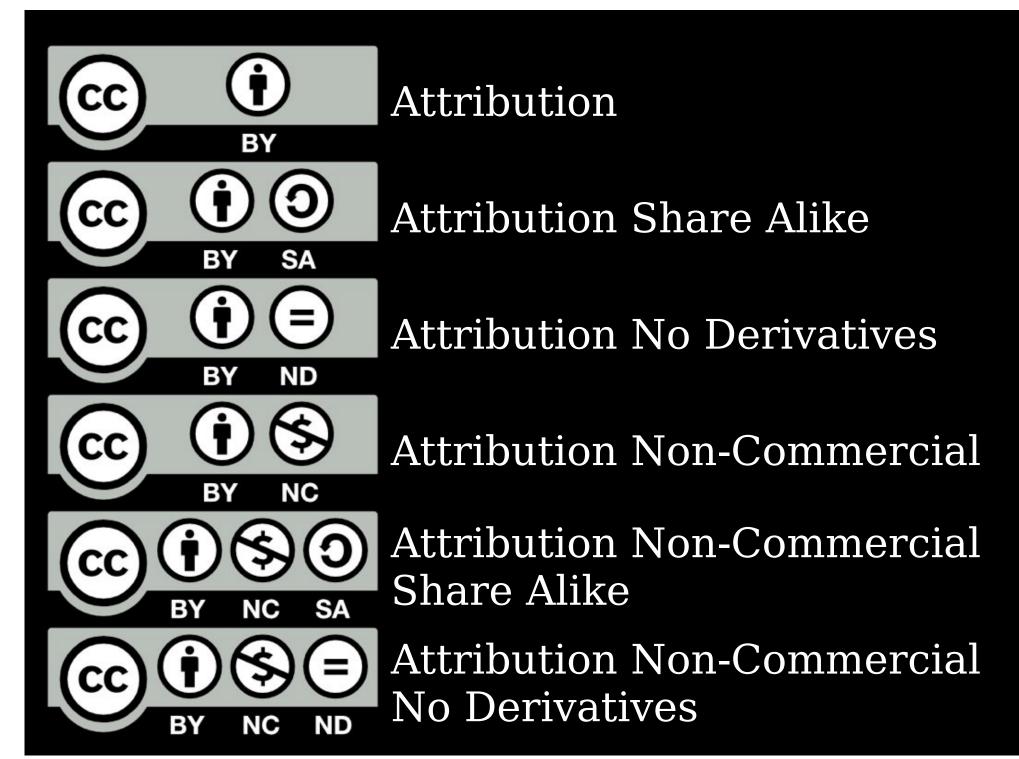


Non-Commercial Cannot use for commercial purposes



No Derivative Works

Verbatim copies only



CC sampling license conditions



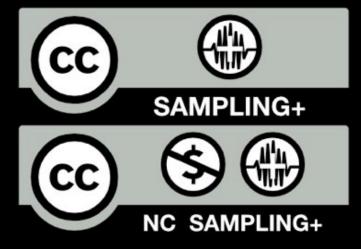
Use pieces of your work Sampling+ for anything except advertising

Noncommercial distribution of entire work allowed



Non-Commercial use for

Use pieces, but cannot commercial purposes



Sampling+

Sampling+ Non-Commercial

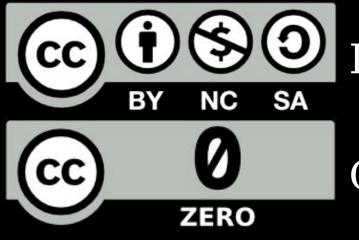
CC public domain conditions



Certify work already in public domain



Surrender copyright & database rights



Public Domain Certification

CC0

License your work

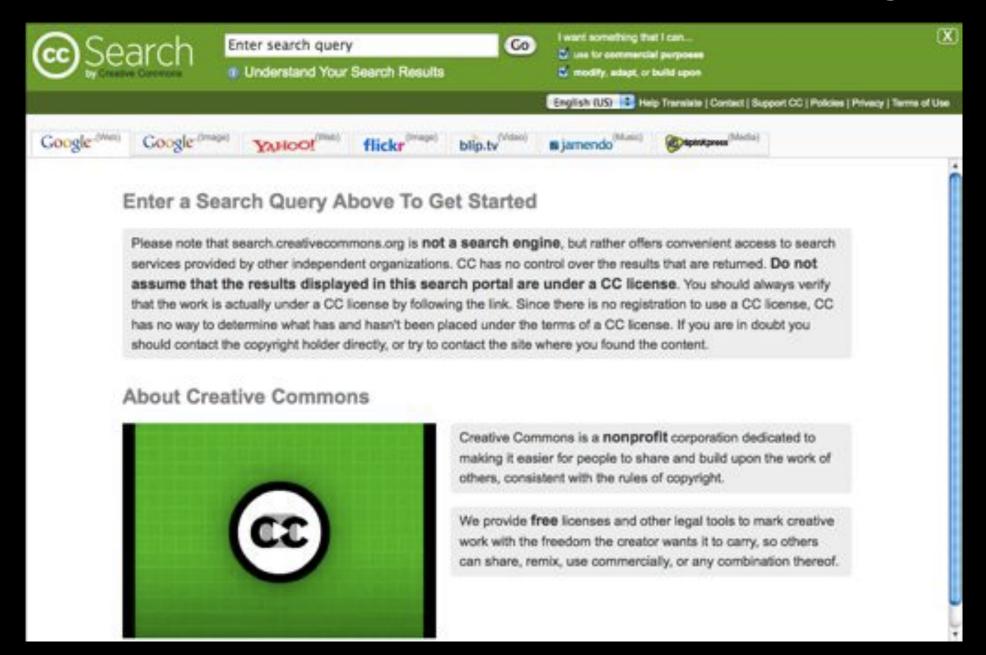
http://creativecommons.org/choose/

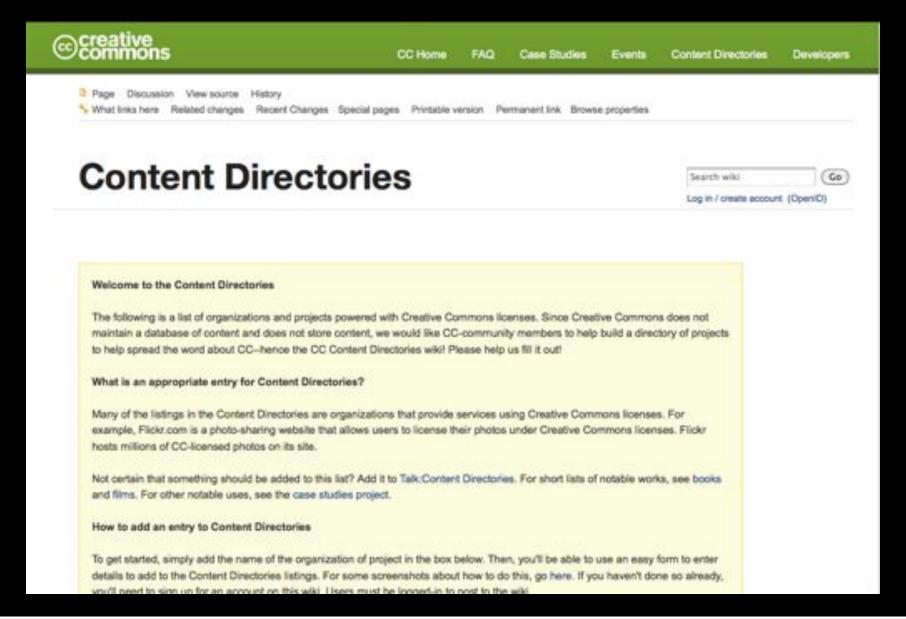


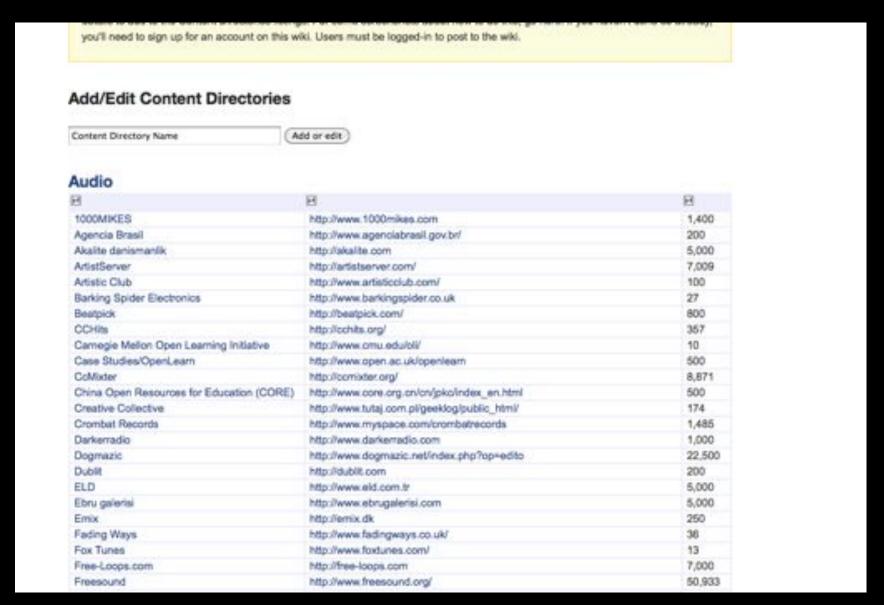
Additional Information				
The additional fields are optional, but				
allows users of your work to determine the work.	how to attribu	se it or where t	o go for more informa	tion about
and the later of the same of t		-		
Tell us the format of your work:	Other	103		
Title of work			0	
Attribute work to name			0	
Attribute work to name Attribute work to URL				

Monday, January 4, 2010 34

http://search.creativecommons.org







Freesound	http://www.freesound.org/	50,933
GELatinoso	http://varelibrazil.multiply.com	232
Garage Songs	http://www.garagesongs.com	200
GroundReport	http://groundreport.com/	400
Heifervescent.	http://www.heifervescent.com	38
Beat	http://beat.org	400
190	http://www.tuvkalite.com	1,000
Jamendo	http://www.jamendo.com/	35,000
Jamglue	http://www.jamglue.com/	3,500
Jenova Durango	http://jenovadgo.blogspot.com/	350
Johns Hopkins Bloomberg School of Public Health OCW	http://ocw.jhsph.edu/	58
Kerner	http://www.kemer.com.tr	5,000
Key to Nature	http://www.keytonature.eu/wiki/Main_Page	1,002
Khaba	http://khaba.es	20
Korea University OCW	http://oow.korea.edu/	17
Literal Systems	http://iteralsystems.org/	15
London Sound Survey	http://www.soundsurvey.org.uk	300
LoveBridge	http://lovebridge.org	100
LuisGago	http://www.luisgago.com	130
MIT Open CourseWare	http://oow.mit.edu/	1,800
Magnatune	http://magnatune.com/	500
Myconcertarchive	http://www.myconcertarchive.com	6,000
OER Commons	http://www.oercommons.org/	7,567
On Classical	http://www.onclassical.com/	200
Open Universiteit Nederland	http://www.opener.ou.nl/	19
Open of Course	http://www.open-of-course.org/	30
OpenGameArt	http://opengameart.org/	1,000
Overmundo Banco	http://www.overmundo.com.bn/banco/banco.php	190
Ozzed	http://ozzed.net	100
Podcast Spot	http://www.podcastspot.com/	1,349
Positron Records	http://www.positronrecords.com	12
Radio.isg.si	http://radio.isg.si/	400
RegisteredCommons	http://RegisteredCommons.org	1,000
Riffet	http://www.rifflet.com	200
SectionZ	http://www.sectionz.com/	530
Shipoka Project - free audio pollections of	http://shlopka.net/	75,000

Shlooka Project - free audio collections of words	http://shtocka.net/	75,000
Silencio	http://www.silencio.be	165,000
Simuze	http://simupe.com/	1,856
Sketsa	http://www.myspace.com/sketsaprofile%20%2C%20http: //profiles.friendster.com/sedik/tedan	15,000
Sonoband	http://www.sonoband.com/	1
SoundBible.com	http://soundbible.com	1,000
Soundclick	http://soundclick.com/	514,216
Soundtransit	http://soundransit.nl/	1,216
Starfrosch	http://starfrosch.ch/	4,000
THE DANCE GOLDEN OF A SNAIL	http://varelbrazil.multiply.com	2,100
Togeo Music	http://togeomusic.com/	200
Traydio	http://www.traydio.com	490
Tree of Life Web	http://tolweb.org/	1,000
Tribe of Noise	http://www.tribeofnoise.com/	1,100
Tufts University OCW	http://oow.tufts.edu/	38
Turiom	http://www.turizm.com.tr	1,000
Uforobots.net	http://www.uforobots.net	12
Unenthültle	http://www.unenthulite.be	27
United Nations University On-Line Learning	http://www.onlineleaming.unu.edu/	10
Universidad de Monterrey OCW	http://oow.udem.edu.mx/	13
University of California Irvine OCW	http://oow.uci.edu/	9
University of Notre Dame OCW	http://oow.nd.edu/	28
University of Southern Queensland OCW	http://oow.usq.edu.au/	10
Utah State University OCW	http://oow.usu.edu/	72
Vault106	http://www.musthighschool.com/Must/Diploma/index.asp	301
Venali	http://www.venali.com.tr	5,000
Wonsang You	http://lavebridge.org/weyou/	50

Video

El Name	El Website	El Size
Agencia Brasil	http://www.agenciabrasil.gov.br/	200
Akalite danismanlik	http://akalite.com	5,000

Akalite danismanlik	http://akalite.com	5,000
Artistic Club	http://www.artisticclub.com/	100
BATE BOLA	http://varelibrazii.multiply.com/video/item/21	2
BEIJO BLUE	http://www.varelibrazii.multiply.com	1,200
BIGACE Web CMS	http://www.bigace.de	200
Blackline Studio	http://www.myspace.com/lineanera	300
CIRCULANDO	http://varelibrazil.multiply.com	450
CandyJar	http://www.channel4.com/learning/microsites/l/ideasfactory/pixnmix /candy_jar.html	274
Carriegie Mellon Open Learning Initiative	http://www.cmu.edu/oli/	10
Case Studies/OpenLearn	http://www.open.ac.uk/openleam	500
China Open Resources for Education (CORE)	http://www.core.org.cn/cn/jpkc/index_en.html	500
Concentro	http://varelibrazil.multiply.com	800
Crombat Records	http://www.myspace.com/crombatrecords	1,485
ELD	http://www.eld.com.tr	5,000
ESPÉCIE RARA	http://varelibrazil.multiply.com	150
Ebru galerisi	http://www.ebrugalerisi.com	5,000
GELatinoso	http://varelibrazii.multiply.com	232
GroundReport	http://groundreport.com/	400
INNER BALANCE	http://www.varelibrazii.multiply.com	1,200
ISO	http://www.tuvkelite.com	1,000
InterCommunication Center	http://hive.ntlicc.or.jp/	50
Johns Hopkins Bloomberg School of Public Health OCW	http://oow.jhsph.edu/	58
Kerner	http://www.kemer.com.tr	5,000
Korea University OCW	http://ocw.korea.edu/	17
LoveBridge	http://lovebridge.org	100
MIT Open CourseWare	http://oow.mit.edu/	1,800
Open Universiteit Nederland	http://www.opener.ou.nl/	19
Overmundo Banco	http://www.overmundo.com.br/banco/banco.php	190
Podcast Spot	http://www.podcastspot.com/	1,349
RegisteredCommons	http://RegisteredCommons.org	1,000
Revver	http://revver.com/	19,100
SENTIMENTOS MATIZADOS	http://varelibrazii.multiply.com	1,178
SciVee	http://www.scivee.tv/	250
Sevenicad.com	http://www.sevenload.com	10,000,000
Skatrhov	http://skatchon.com	250,000

OCYCHOLOGOTT	reporterio conocioni	10,000,000
Sketchory	http://sketchory.com	250,000
THE DANCE GOLDEN OF A SNAIL	http://warelibrazil.multiply.com	2,100
TURBO LIMPEZA	http://wwellbrazil.multiply.com	1,200
Tree of Life Web	http://tolweb.org/	1,000
Tufts University OCW	http://oow.tufts.edu/	38
Turizm	http://www.turizm.com.tr	1,000
Utorobots.net	http://www.uforobots.net	12
Uncensored Interview	http://www.uncensoredinterview.com/	1,000
United Nations University On-Line Learning	http://www.onlinelearning.unu.edu/	10
Universidad de Monterrey OCW	http://oow.udem.edu.mx/	13
University of California Irvine OCW	http://oow.uci.edu/	9
University of Notre Dame OCW	http://oow.nd.edu/	28
University of Southern Queensland OCW	http://ocw.usq.edu.au/	10
Utah State University OCW	http://oow.usu.edu/	72
Venali	http://www.venali.com.tr	5,000
Wonsang You	http://lovebridge.org/wsyou/	50

Image

El Name	Website	El Size
1Thousand Drawings Project	http://www.boundlessoptimism.org /one1thousand/	1,000
Agencia Brasil	http://www.agenciabrasil.gov.br/	200
Akalite danismanlik	http://akalite.com	5,000
Album photo de voyage	http://www.tripalbum.net/	300
Amazonca.com	http://www.amazonca.com	978,000
Animal Photos	http://animalphotos.info/a/	7,000
Artefactos learne.com	http://artefactos.leame.com	100
Artistic Club	http://www.artisticclub.com/	100
Biologieunterricht info	http://www.biologieunterricht.info	200
Blackline Studio	http://www.myspace.com/lineanera	300
Car pictures	http://carpictures.oc/cars/photo/	5,000
Carnegie Mellon Open Learning Initiative	http://www.cmu.edu/oli/	10
Case Studies/DeviantArt	http://www.deviantart.com/ http://deviantart.com	86,300

	http://deviantart.com	1000
Case Studies/Hitchwiki	http://hitchwiki.org/ http://hitchwiki.org	1,300 (English),300+(German),200+ (Spanish)
Case Studies/OpenLearn	http://www.open.ac.uk/openleam	500
Chemical Elements	http://images-of-elements.com/	100
China Open Resources for Education (CORE)	http://www.core.org.cn/cn/jpkolindex_en.html	500
Compfight	http://www.compfight.com	10,000,000
Cool image bank	http://www.coolimagebank.gr	3,000
Creativity103	http://creativity103.com/	1,000
Crombat Records	http://www.myspace.com/crombatrecords	1,485
DC Nature	http://www.donature.com/	1,000
Damer.com	http://www.damer.com/pictures/images.html	500
Dataprix	http://dataprix.com	1,000
ELD	http://www.eld.com.tr	5,000
Ebru gelerisi	http://www.ebrugalerisi.com	5,000
Efso CMS	http://www.efso.de	800
Encanners.net	http://encenners.net	30
Everystockphoto	http://everystockphoto.com	3,700,000
Flicky	http://www.flickr.com	59,177,857
Freefoto.com	http://www.freefoto.com/	125,000
GELatinoso	http://varelibrazil.multiply.com	232
Gallery.Ufimtsev.Info	http://gallery.ufimtsev.info	2,000
Gandraxa - Math, Logic, Design	http://herbert.gandraxa.com/	100
Garage Songs	http://www.garagesongs.com	200
Geograph British Isles	http://www.geograph.org.uk/	1,297,874
Geograph Germany	http://geo.hlipp.de/	1,733
GroundReport	http://groundreport.com/	400
H2guide MapWizard	http://www.h2guide.com/guide/mapwizard	1,500,000
ISO	http://www.tuvkalite.com	1,000
Ideasman42's texture photos for 3D graphics	http://www.graphicall.org/ftp/ideasman42 /textures/	2,900
Jenova Durango	http://jenovadgo.blogspot.com/	360
Johns Hopkins Bloomberg School of Public Health OCW	http://ocw.jhsph.edu/	58
Kerner	http://www.kemer.com.tr	5,000
Key to Nature	http://www.keytonature.eu/wiki/Main_Page	1,002
Korea University OCW	http://oow.korea.edu/	17

Korea University OCW	http://ocw.korea.edu/	17
La Mamola Beach	http://www.lamamolabeach.es	200
LoveBridge	http://lovebridge.org	100
LoveTextures	http://www.lovetextures.com/	100
MIT Open CourseWare	http://oow.mit.edu/	1,800
Metaphotography	http://www.metaphotography.eu	100
Myconcertarchive	http://www.myconcertarchive.com	6,000
O2CW	http://wwhn.org	100
OER Commons	http://www.oercommons.org/	7,567
Open Clip Art Library	http://openclipart.org/	14,300
Open Font Library	http://openfontlibrary.org	50
Open Universiteit Nederland	http://www.opener.ou.nl/	19
Open of Course	http://www.open-of-course.org/	30
OpenGameArt	http://opengameart.org/	1,000
Oriented Open Courseware	http://wwhn.org	100
Overmundo Banco	http://www.overmundo.com.br/banco /banco.php	190
Ozzed	http://azzed.net	100
Photoeverywhere	http://photoeverywhere.co.uk	3,000
Pigs	http://www.pigs.de/	17,000
RegisteredCommons	http://RegisteredCommons.org	1,000
Ryaku Stock Photography	http://stock.ryoku.de/	10
Sevenload.com	http://www.sevenload.com	10,000,000
Shi Yali's Free Asia Images	http://www.asiastockimages.com	309
Silencio	http://www.silencio.be	165,000
Sketchory	http://sketchory.com	250,000
Stefan Jaeger	http://fotografie.stefan-jaeger.com/	30
TARÔ VOCAL	http://tarovocal.blogspot.com/2008/07 /tar-vocal.html	1,000
THE DANCE GOLDEN OF A SNAIL	http://vanellbrazil.multiply.com	2,100
The Ninth	http://www.the-ninth.com	80
Tree of Life Web	http://tolweb.org/	1,000
Tufts University OCW	http://ocw.fufts.edu/	38
Turizm	http://www.turizm.com.tr	1,000
Uforobots.net	http://www.uforobots.net	12
United Nations University On-Line Learning	http://www.onlinelearning.unu.edu/	10
Universidad de Mantenno (OCM)	belleville in contains make most	49

united valuers university Un-Line Learning	http://www.oninelearning.unu.edu/	10
Universidad de Monterrey OCW	http://ocw.udem.edu.mx/	13
University of California Irvine OCW	http://oow.uci.edu/	9
University of Notre Dame OCW	http://oow.nd.edu/	28
University of Southern Queensland OCW	http://oow.usq.edu.au/	10
Utah State University OCW	http://oow.usu.edu/	72
Venali	http://www.venali.com.tr	5,000
Wellcome Images	http://images.welloome.ac.uk/	100,000
WikiHow	http://www.wikihow.com/Main-Page	45,133
Wiser Earth	http://www.wiserearth.org/	150,000
Wonsang You	http://fovebridge.org/wsyou/	50
York's Site	http://yorik.orgfree.com	75
Yorkshire Theatres playbills	http://www.yorkshireplaybills.org.uk	21
Youraustralia	http://www.younaustralia.eu	350
Zorger	http://public-domain.zorger.com/	1,000

Text

⊟ Name	E Website	E Size
Adityainfotech	http://adityainfotech.com	92
Agencia Brasil	http://www.agenciabrasil.gov.br/	200
Akalite danismanlik	http://akalite.com	5,000
Altmarkwiki	http://eltmarkwiki.de/	38
Amazonca.com	http://www.amazonca.com	978,000
An Argument Against Global Warming For the Layman	http://wiki.creativecommons.org /File:Argument_Against_Global_Warming.pdf	1.79
Artefactos leame.com	http://artefactos.leame.com	100
Artistic Club	http://www.artisticclub.com/	100
BIGACE Web CMS	http://www.bigace.de	200
Bharat Heritage	http://bharatheritage.in	600
Biologieunterricht.info	http://www.biologieunterricht.info	200
Blackline Studio	http://www.myspace.com/lineanera	300
Carnegie Mellon Open Learning Initiative	http://www.cmu.edu/oli/	10
Case Studies/DeviantArt	http://www.deviantart.com/ http://deviantart.com	86,300

	http://deviantart.com	l vi
Case Studies/Hitchwiki	http://hitchwiki.org/ http://hitchwiki.org	1,300 (English),300+ (German),200+(Spanish)
Case Studies/OpenLearn	http://www.open.ac.uk/openlearn	500
Cashwki	http://cashwiki.org	250
China Open Resources for Education (CORE)	http://www.core.org.cn/on/jpko/index_en.html	500
ChinaBiog.cc	http://chinablog.cc	100
Connexions	http://crx.rice.edu/	4,760
Corporategifts	http://www.corporategifts.easy2source.com	7,959
Crombat Records	http://www.myspace.com/crombatrecords	1,485
DGMag	http://www.dgmag.it	15,000
Dataprix	http://dataprix.com	1,000
Dublit	http://dublit.com	200
ELD	http://www.eld.com.tr	5,000
Easy2source	http://www.easy2source.com	3 ,24,000
Ebru galerisi	http://www.ebrugalerisi.com	5,000
Elso CMS	http://www.efso.de	800
Encanners.net	http://encanners.net	30
Estudio MACROMICRO	http://varelibrazil.multiply.com	1
Ethipedia	http://www.ethipedia.net	200
Free-reading.net	http://free-reading.net/	500
Gandraxa - Math, Logic, Design	http://herbert.gandraxa.com/	100
Giftsnaccessories	http://giftsnaccessories.com	9,100
GroundReport	http://groundreport.com/	400
Handicrafts.easy2source	http://handicrafts.easy2source.com	6,724
iso	http://www.tuvkalite.com	1,000
Indianetzone	http://www.indianetzone.com/	24,000
IntraText Digital Library	http://www.intratext.com/	12,000,000
Irish Literary Revival	http://www.irishliteraryrevival.com/	14
Jim Teens	http://www.jimteens.com	700
JimAndaz	http://www.jimandaz.com	21,500
JimTrade	http://www.jimtrade.com/	1,24,000
Johns Hopkins Bloomberg School of Public Health OCW	http://oow.jhsph.edu/	58
Kemer	http://www.kemer.com.tr	5,000
Key to Nature	http://www.keytonature.eu/wiki/Main_Page	1,002

Key to Nature	http://www.keytonature.eu/wiki/Main_Page	1,002
Khaba	http://khaba.es	20
Kids World	http://www.thekidsworld.net	800
Korea University OCW	http://ocw.korea.edu/	17
Live with Yoga	http://www.livewithyoga.net	1,000
LoveBridge	http://fovebridge.org	100
MIT Open CourseWare	http://oow.mit.edu/	1,800
Manybooks,net.	http://imanybooks.net/	130
Meditation info	http://www.meditationinfo.net	750
My Free PR	http://www.myfreepr.com	25,000
Myconcertarchive	http://www.myconcertarchive.com	6,000
Naturecure India	http://www.naturecureindia.net	400
O2CW	http://wmhn.org	100
OER Commons	http://www.oercommons.org/	7,567
Open Font Library	http://openfont/brary.org	60
Open Universiteit Nederland	http://www.opener.ou.nl/	19
Open of Course	http://www.open-of-course.org/	30
Openplaces	http://www.openplaces.org	500,000
Orbit of Information	http://www.jimorbit.com	500
Oregon Legal Glossary	https://www.oregonlaws.org/glossary	2,500
Oriented Open Courseware	http://wmhn.org	100
Overmundo Banco	http://www.overmundo.com.br/banco/banco.php	190
RegisteredCommons	http://RegisteredCommons.org	1,000
SciVee	http://www.scives.tvf	250
Sharewiki	http://sharewiki.org/	160
Silencio	http://www.sliencio.be	165,000
THE DANCE GOLDEN OF A SNAIL	http://varelibrazil.multiply.com	2,100
The Joy of Life Drawing (instructional text)	http://www.graphicall.org/ftp/deasman42 /the_joy_of_life_drawing.pdf	67
Travature	http://www.travature.com/guides/	1,000
Travellerspoint Travel Guide	http://www.travellerspoint.com/guide/	2,500
Tree of Life Web	http://tolweb.org/	1,000
Tufts University OCW	http://ocw.tufts.edu/	38
Turizm	http://www.turizm.com.tr	1,000
Uforobots.net	http://www.uforobots.net	12
Unearthtravel	http://www.unearthtravel.com/	1,000,000
	Tarting and the same of the sa	1.44

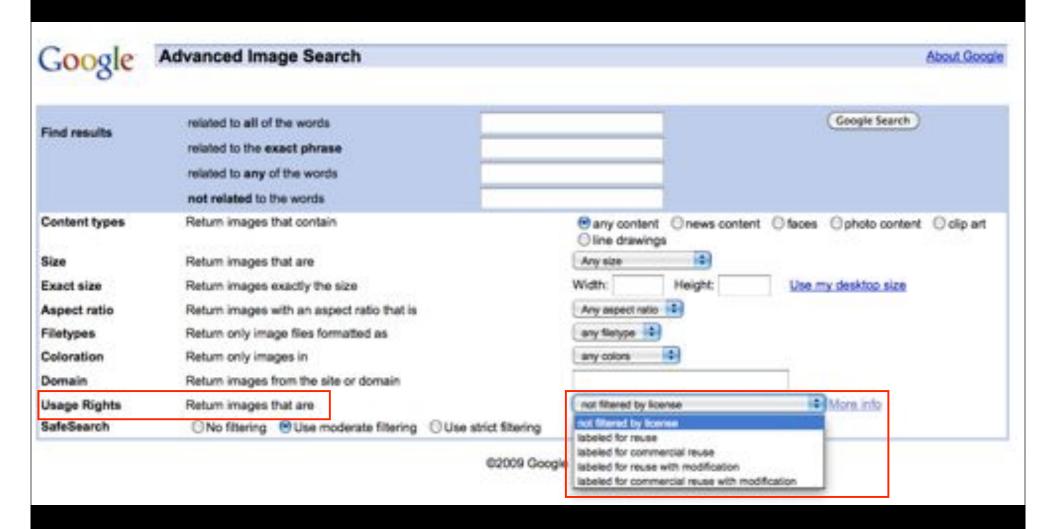
Unearthtravel	http://www.unearthtravel.com/	1,000,000
United Nations University On-Line Learning	http://www.onlinelearning.unu.edu/	10
Universidad de Monterrey OCW	http://ocw.udem.edu.mx/	13
University of California Irvine OCW	http://ocw.uci.edu/	9
University of Notre Dame OCW	http://oow.nd.edu/	28
University of Southern Queensland OCW	http://oow.usq.edu.au/	10
Utah State University OCW	http://oow.usu.edu/	72
Venali	http://www.venali.com.tr	5,000
WikiHow	http://www.wikihow.com/Main-Page	45,133
Wikindex	http://wiklindex.org/	4,400
Wisdom Commons	http://www.wisdomcommons.org	3,000
Wiser Earth	http://www.wiserearth.org/	150,000
Wonsang You	http://lovebridge.org/wsyou/	50
World of sharks	http://www.worldofsharks.net	800
Wu Ming	http://www.wumingfoundation.com/italiano/downloads.shtml	20
Yalm	http://www.yalmagazine.org	18
Yes! Magazine	http://www.yesmagazine.org/	50

Other

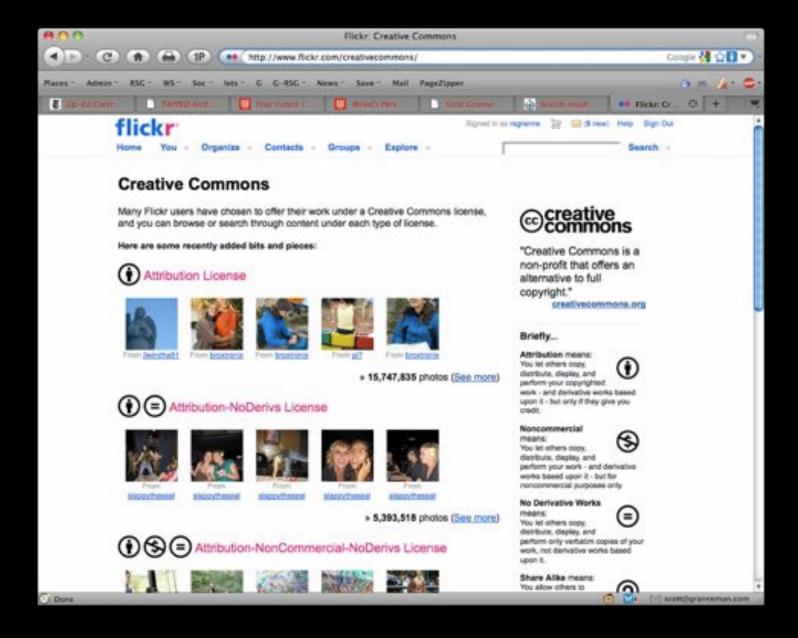
El Name	El Website	H Size
ALMA ENSABOADA	http://varelibrazil.multiply.com	200
Akalte danismanlik	http://akalite.com	5,000
Artefactos leame.com	http://artefactos.learne.com	100
Anx-phoenix	http://archlinux.sk	1
BATE BOLA	http://varelibrazil.multiply.com/video/item/21	2
BEJO BLUE	http://www.varelibrazil.multiply.com	1,200
CIRCULANDO	http://varellbrazil.multiply.com	450
Case Studies/SeismologyOnline	http://www.seismologyonline.com/	100
Concentro	http://varelibrazil.multiply.com	800
Dataprix	http://dataprix.com	1,000
ELD	http://www.eld.com.tr	5,000
Ebru galerisi	http://www.ebrugalierisi.com	5,000
Eliza CHIO	letter Union after do	900

fso CMS	reprimer to agree to com	0,000
	http://www.efso.de	800
Estudio MACROMICRO	http://varelibrazil.multiply.com	1
NNER BALANCE	http://www.varelibrazil.multiply.com	1,200
SO .	http://www.tuvkalite.com	1,000
Jenova Durango	http://jenovadgo.blogspot.com/	350
Kerner	http://www.kemer.com.tr	5,000
LoveBridge	http://lovebridge.org	100
020W	http://vmhn.org	100
OpenGameArt	http://opengameart.org/	1,000
Oriented Open Courseware	http://wiihn.org	100
RegisteredCommons	http://RegisteredCommons.org	1,000
SENTIMENTOS MATIZADOS	http://varelibrazil.multiply.com	1,178
SchooX: Social Network for Online Learning with Free Online Courses	http://www.schoox.com	1,000
Sevenload.com	http://www.sevenload.com	10,000,000
TARÔ VOCAL	http://tarovocal.blogspot.com/2008/07 /tar-vocal.html	1,000
TUOLO TUOLO	http://vareilbrazil.multiply.com	250
TURBO LIMPEZA	http://varelibrazil.multiply.com	1,200
Turizm	http://www.turizm.com.tr	1,000
Universidad de Monterrey OCW	http://gow.udem.edu.mx/	13
University of California Irvine OCW	http://ocw.uci.edu/	9
University of Notre Dame OCW	http://oow.nd.edu/	28
University of Southern Queensland OCW	http://ocw.usq.edu.au/	10
Utah State University OCW	http://ocw.usu.edu/	72
Venali	http://www.venall.com.tr	5,000
Wonsang You	http://lovebridge.org/wsyou/	50
York's Site	http://yorlk.orgfree.com	75

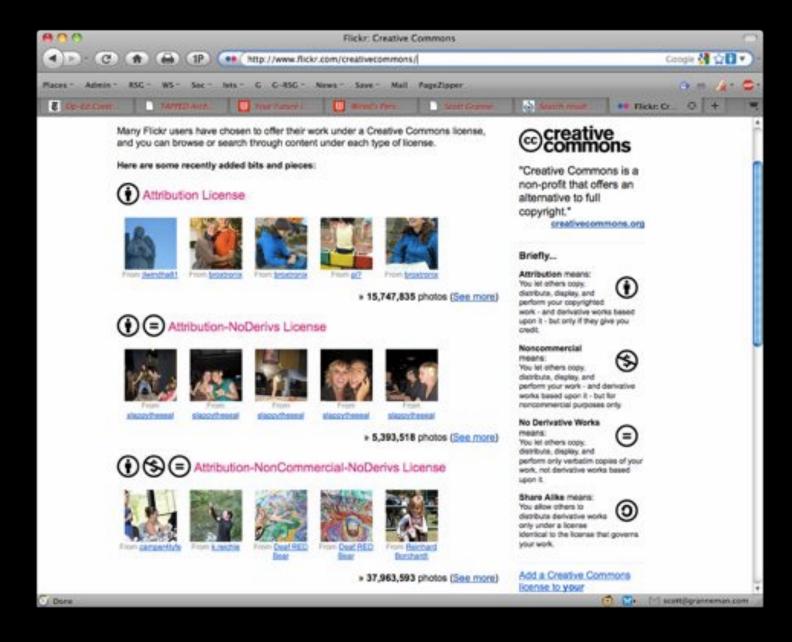
http://images.google.com/ advanced_image_search



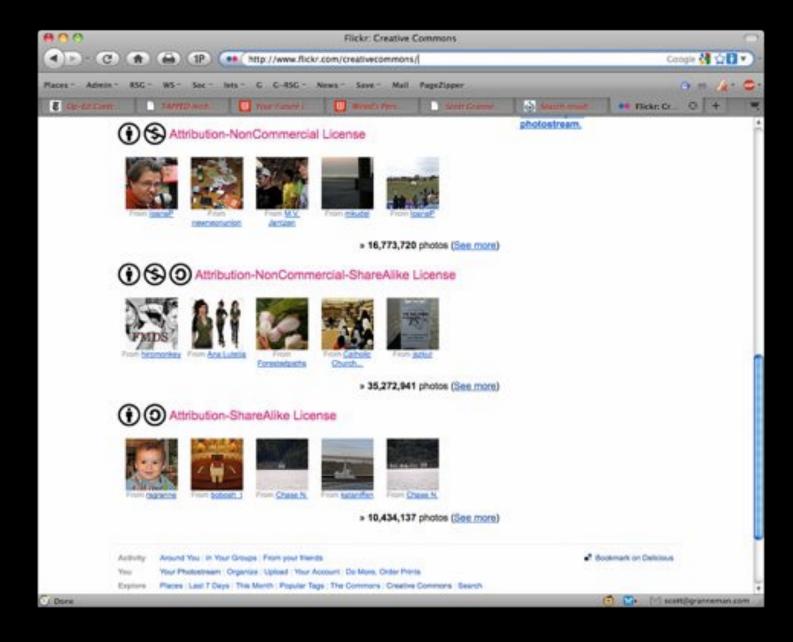
http://www.flickr.com/creativecommons/

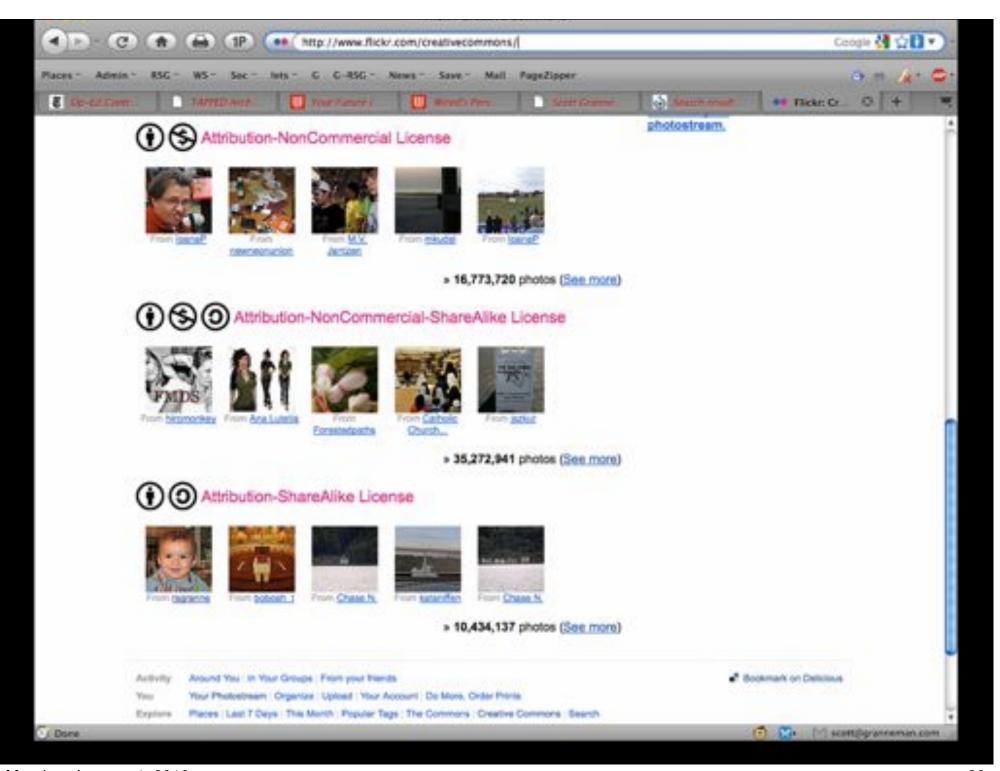


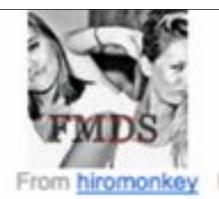
http://www.flickr.com/creativecommons/



http://www.flickr.com/creativecommons/











Forestedpaths







From iszkut

» 35,272,941 pho





(†) (3) Attribution-ShareAlike License



From rsgranne



From bobosh t



From Chase N.

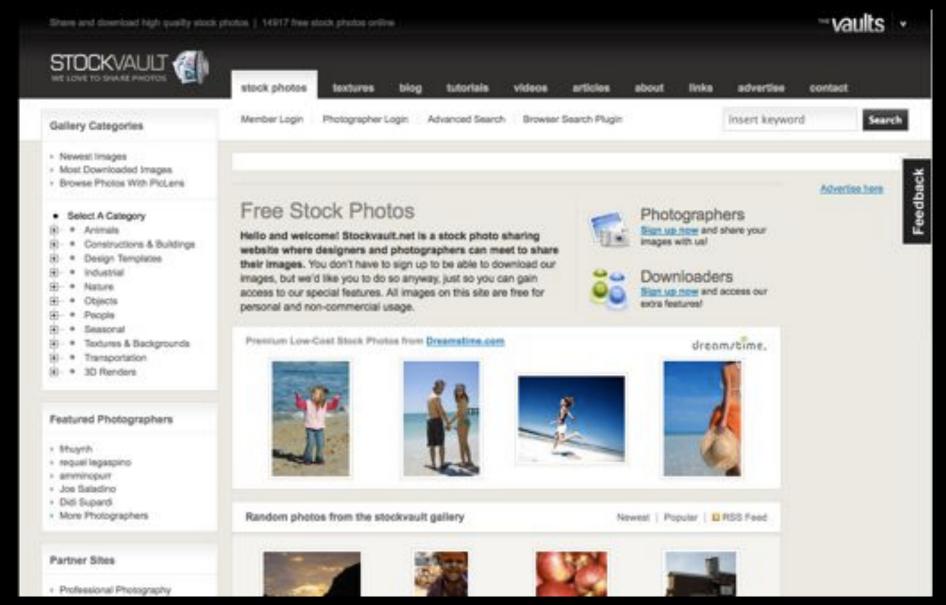


From katsniffen

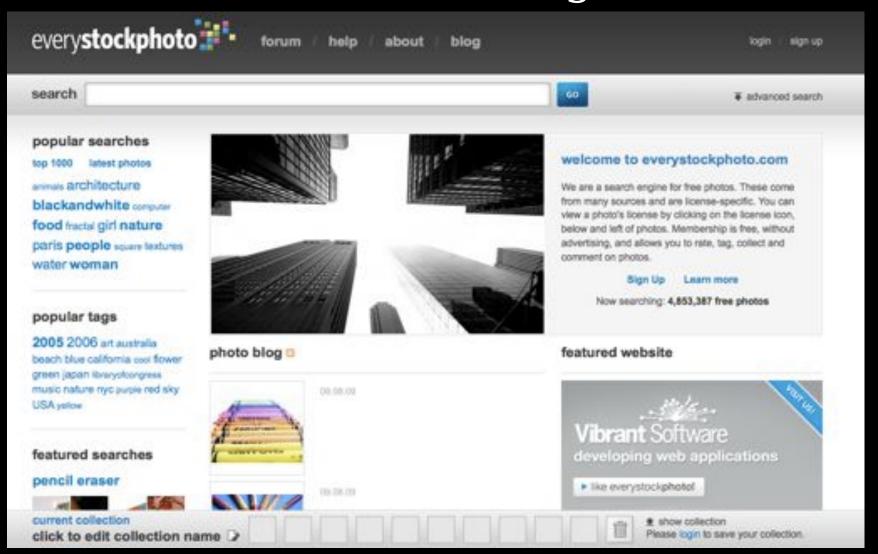


» 10,434,137 pho

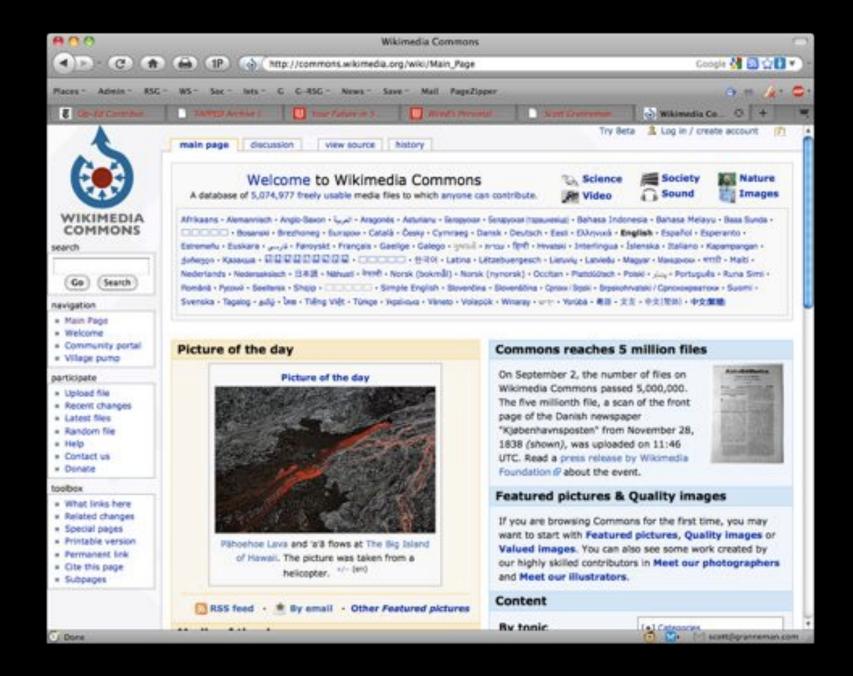
Stockvault http://www.stockvault.net

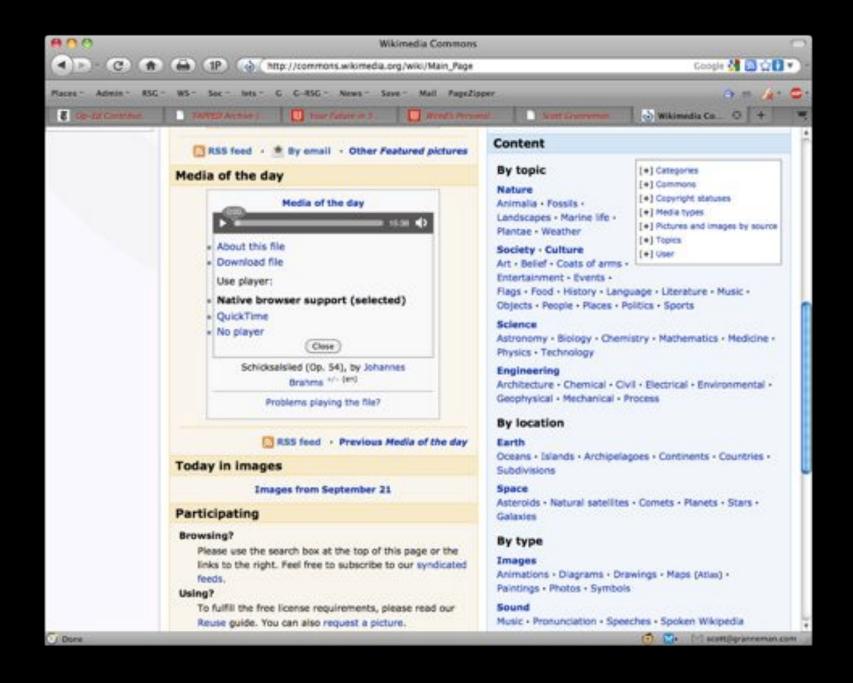


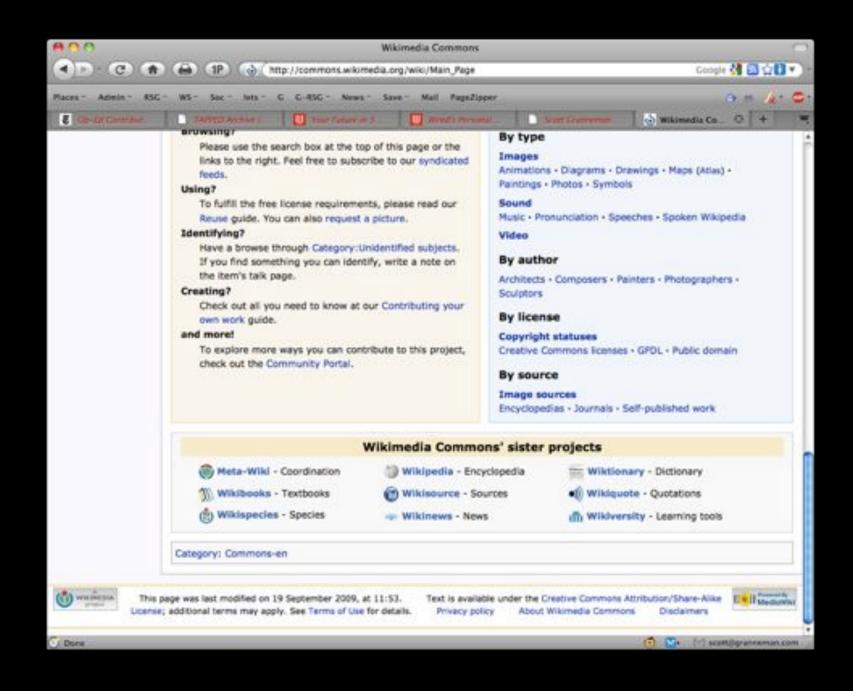
everystockphoto http://www.everystockphoto.com 4,853,387 images



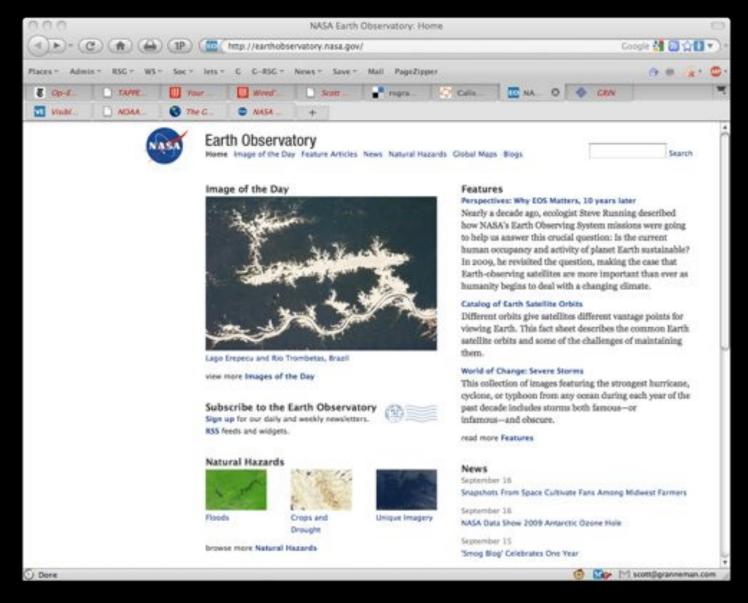
Wikimedia Commons
http://commons.wikimedia.org

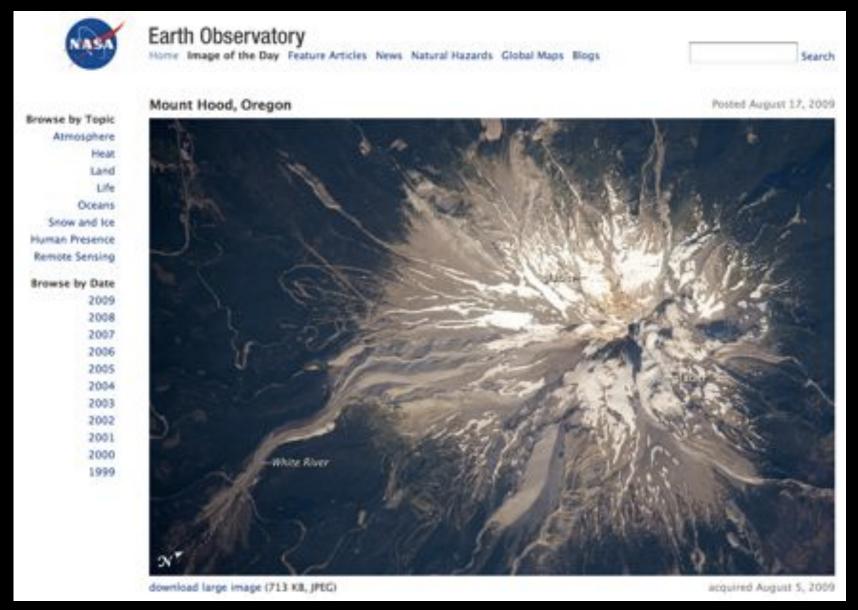


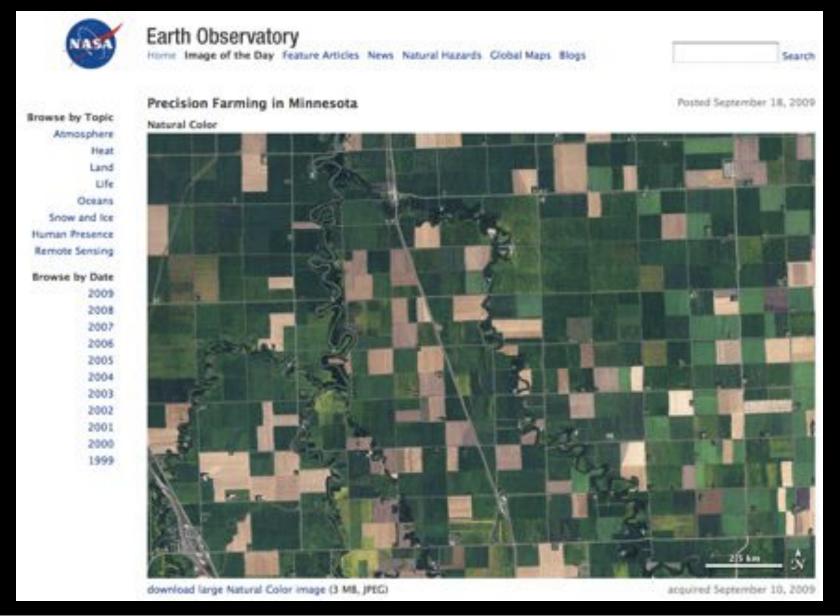


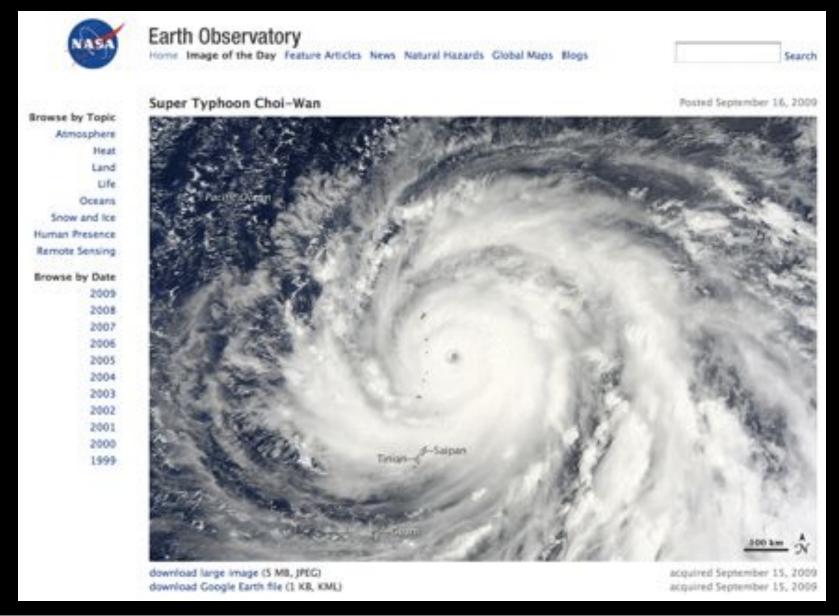




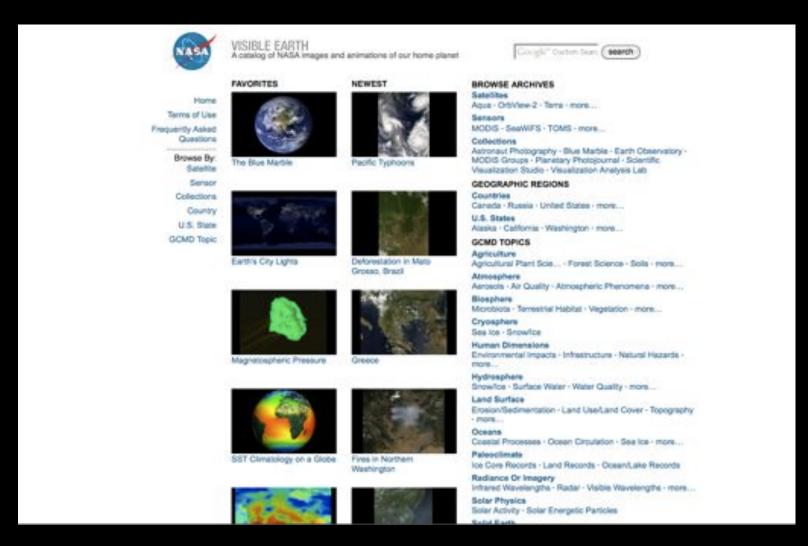








NASA Visible Earth http://visibleearth.nasa.gov 102,521 images



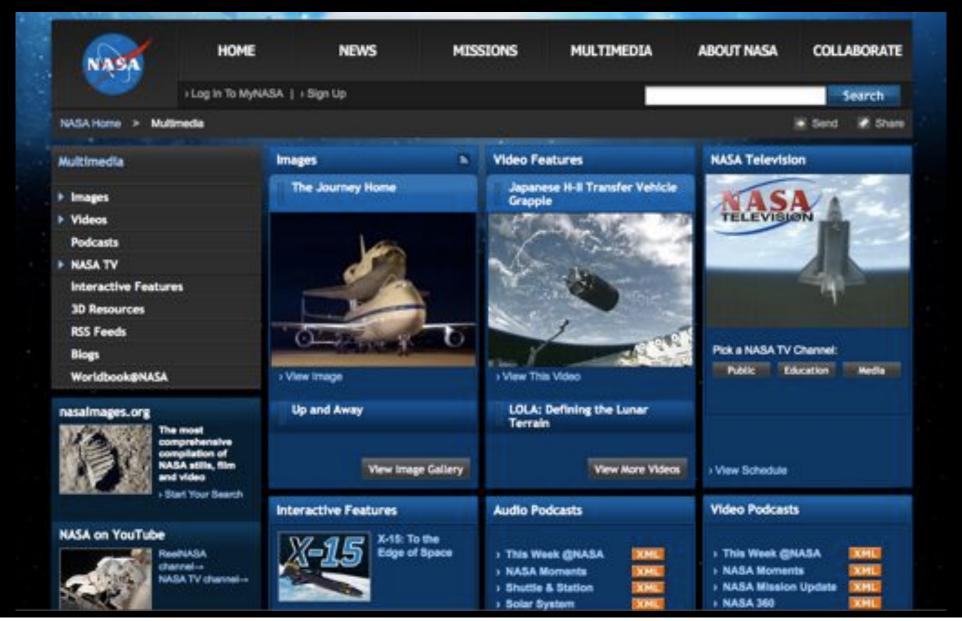
NASA Visible Earth http://visibleearth.nasa.gov 102,521 images



NASA Visible Earth http://visibleearth.nasa.gov 102,521 images

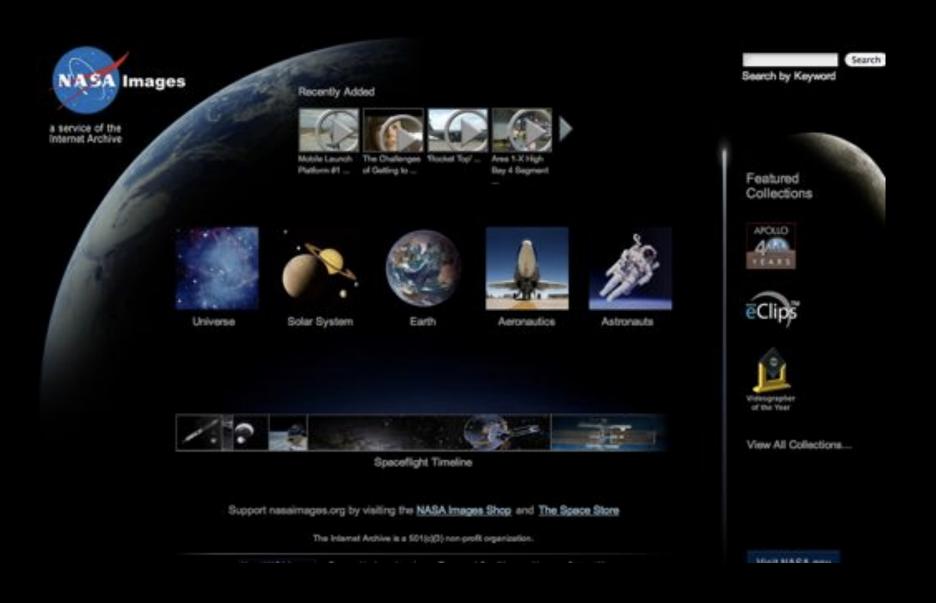


NASA Multimedia http://www.nasa.gov/multimedia/



48

NASA Images http://www.nasaimages.org

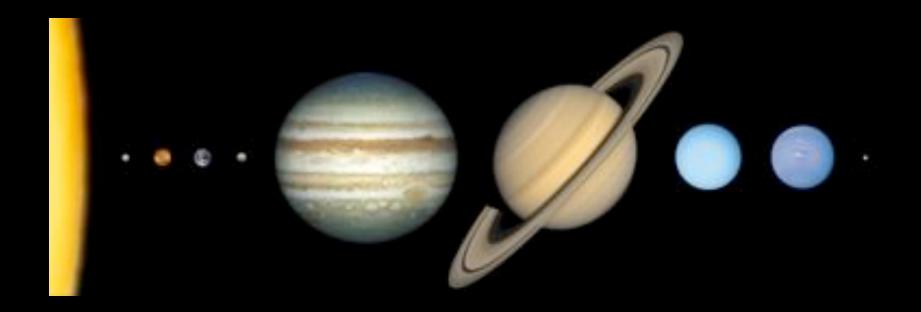


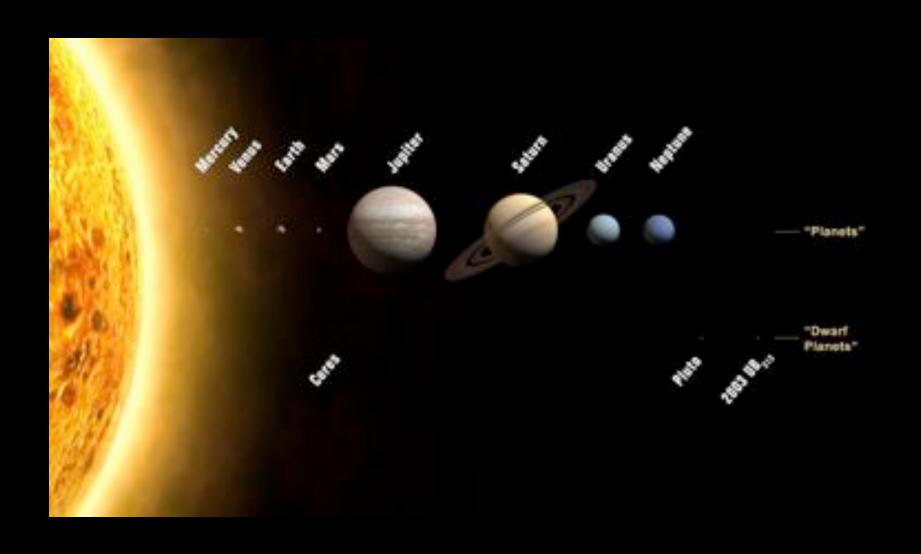
NASA Images http://www.nasaimages.org













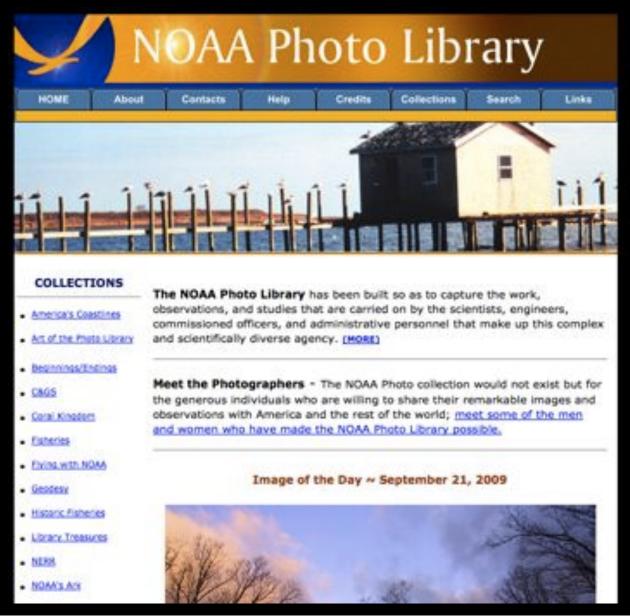


The Gateway to Astronaut Photography http://eol.jsc.nasa.gov



GRIN: Great Images in NASA http://grin.hq.nasa.gov

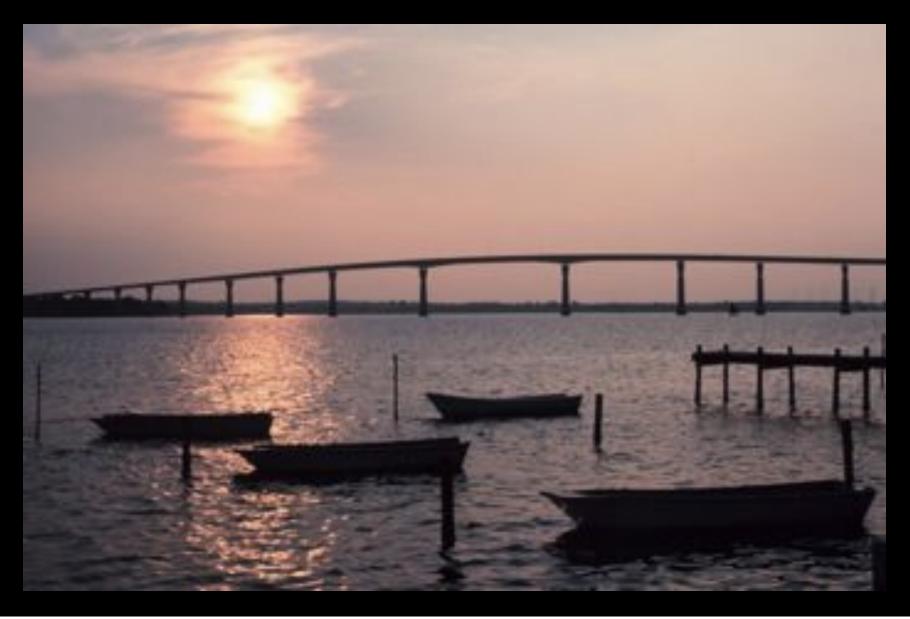


















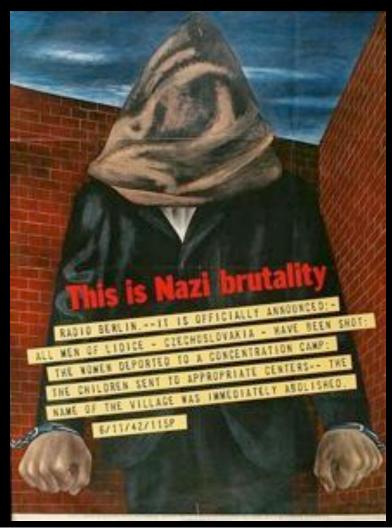


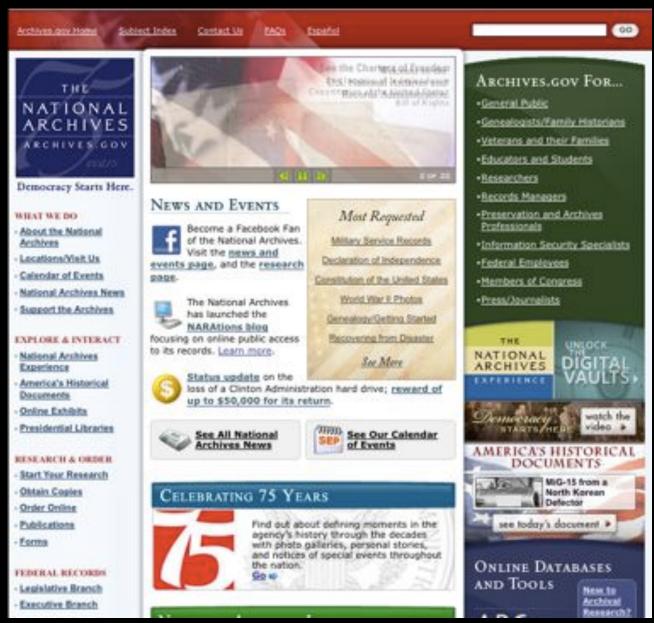




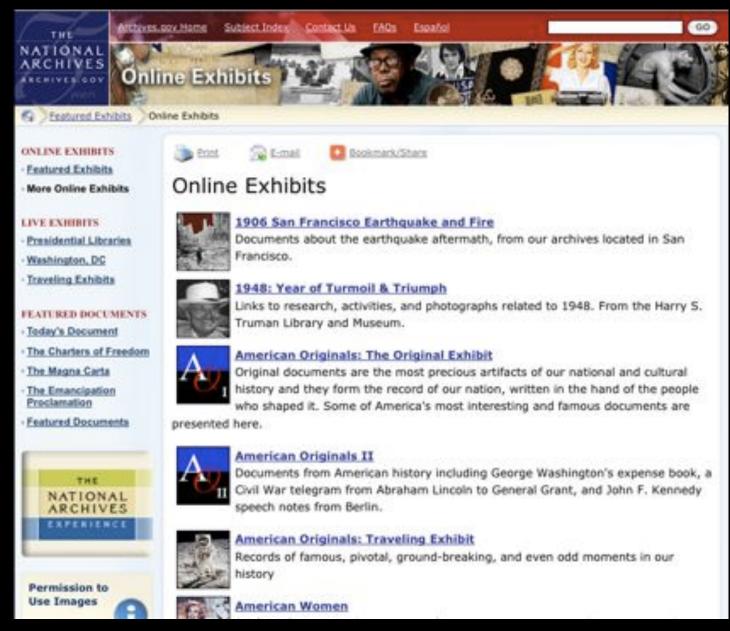












ose mayes



American Women

Artifacts from more than 100 significant women in American history. From the Herbert Hoover Presidential Library and Museum



The Charters of Freedom

The Declaration of Independence, the Constitution, & the Bill of Rights.



The Constitution

The work of many minds, the Constitution stands as a model of cooperative statesmanship and the art of compromise.



The Declaration of Independence

The Declaration of Independence set forth a list of grievances against the King in order to justify before the world the breaking of ties between the colonies and the mother country.



The Bill of Rights

The first 10 amendments of the Constitution are known as the Bill of Rights.



The Deadly Virus

The Influenza Epidemic of 1918: One fifth of the world's population was attacked by this deadly virus. Within months, it had killed more people than any other illness in recorded history.



Dear Bess: Love Letters from the President

Almost 50 years of handwritten personal letters between Bess and Harry Truman. From the Harry S. Truman Museum and Library.



Designs for Democracy

Explore more than 100 designs highlighting 200 years of Government drawings.



The National Archives Experience: Digital Vaults

Exploring the Digital Vaults is easy. You can browse through the hundreds of photographs, documents, and film clips and discover the connection between some of the National Archives' most treasured records.

some of the National Archives' most treasured records.



The National Archives: Documented Rights

The exhibit's selected documents, photographs, and original testimonies exemplify the range and depth of National Archives holdings chronicling the evolution of human and civil rights in the United States.



Every Four Years: Electing a President

Every four years Americans go to the polls to elect their President. The campaign for President is steeped in tradition, combining ritual, celebration, marketing and bombast, all leading up to Election Day when citizens enter the voting booth to

exercise their solemn right to choose their leaders.



Eyewitness

Gripping eyewitness accounts—in the form of letters, diaries, audio and film recordings—chronicle dramatic moments in U.S. history.



Gerald & Betty Ford Historical Photographs

230 photographs from the Ford Library's White House Photographic Office Collection



The Herbert Hoover Galleries

Images and captions from the Permanent Galleries of the Herbert Hoover Presidential Library and Museum



Inside the National Archives Southeast Region

Documents and photos from our Atlanta regional archives



Israel's 50th Anniversary

Documents and educational activities relating to the creation of the State of Israel. From the Harry S. Truman Museum and Library.



John H. White: Portrait of Black Chicago

View Pulitzer-Prize winning photographer John H. White's images of 1970s Chicago.



Looking Back on the American Century

Experience some of the greatest events and people of the 20th Century through the original artifacts they've left behind.



A New Deal for the Arts

A unique selection of artwork, documents, and photographs highlighting Depression era Federal arts projects



Panoramic Photography

Fascinating selections from our vast holdings of panoramic images



A People at War

The contributions of Americans, both military and civilian, who served their country during World War II.



Picturing the Century

20th century photographs and photographers



Powers of Persuasion - Posters from World War II

Powerful wartime images that helped shape our national memories of the war



President's Daily Diary

Fifty historically significant entries chronicling presidential activities from November 22, 1963 - January 20, 1969. From the Lyndon B. Johnson Presidential Library and Museum.



Running for Office: Candidates, Campaigns, and the Cartoons of Clifford Berryman

Political cartoons from the first half of the 20th century provide relevant commentary and fascinating insight into the campaigns and elections of today.



The Special Relationship

Documents and photographs of Churchill and Roosevelt describing the emergence American alliance 1939 - 1945, From the Franklin D. Brosse





Tokens and Treasures: Gifts to Twelve Presidents

These gifts are unique records of each administration from Herbert Hoover through Bill Clinton.



Treasures of Congress

Fascinating documents highlighting the history of the legislative branch



The Truman Chryslers

Images of the Truman's 1950 Lincoln Cosmopolitan limousine and their 1955 Chrysler, From the Harry S. Truman Museum and Library.



The Watergate Files

The Watergate exhibit at the Gerald R. Ford Museum immerses the visitor in one of the most critical constitutional crises in the nation's history.



The Way We Worked

Work and workplaces have gone through enormous transformations between the mid 19th and late 20th centuries. View these changes through photographs.



When Nixon Met Elvis

The behind-the-scenes story of the famous 1970 meeting as told through original letters, memorandums, and photographs. From the Nixon Presidential Library

Archives gov Home

Contact Us

Privacy Policy

Access/bility.

Freedom of Information Act

No FEAR A

Top of Page

The U.S. National Archives and Records Administration 8601 Adelphi Road, College Park, MD 20740-6001 Telephone: 1-86-NARA-NARA or 1-866-272-6272

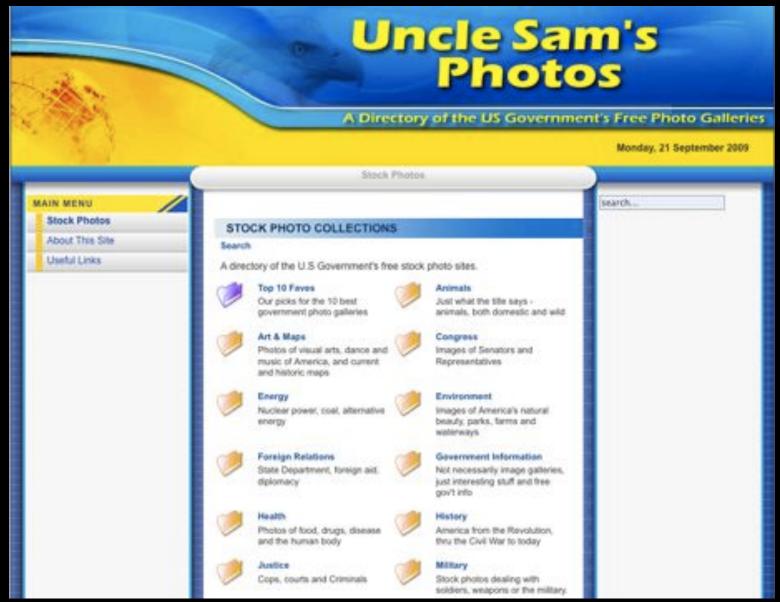








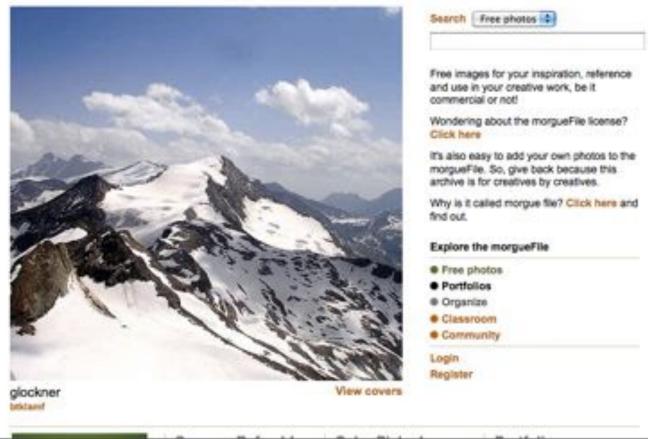
Uncle Sam's Photos http://www.unclesamsphotos.com



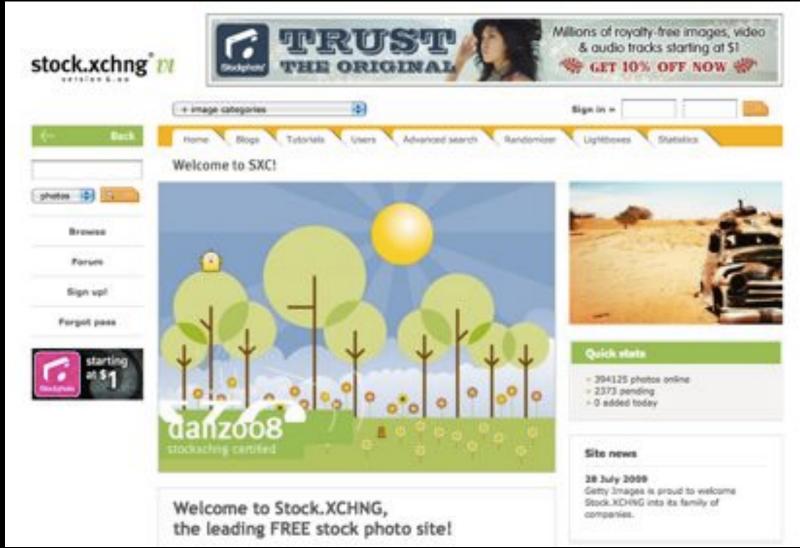
Other free, non-Creative Commons sources

morgueFile http://www.morguefile.com

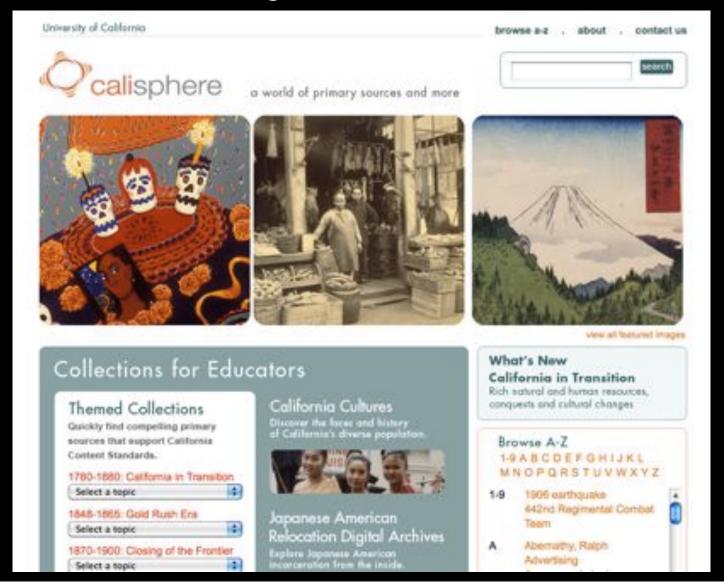




stock.xchng http://www.sxc.hu 394,125 photos



Calisphere http://www.calisphere.universityofcalifornia.edu



Calisphere http://www.calisphere.universityofcalifornia.edu

1906 earthquake

Black Panthers

Bridges

Chavez, Cesar

Computers

Death Valley National Monument

Free Speech Movement

Gold Rush

Japanese-American Internment

Mojave Desert

Pueblos

Sierra Club

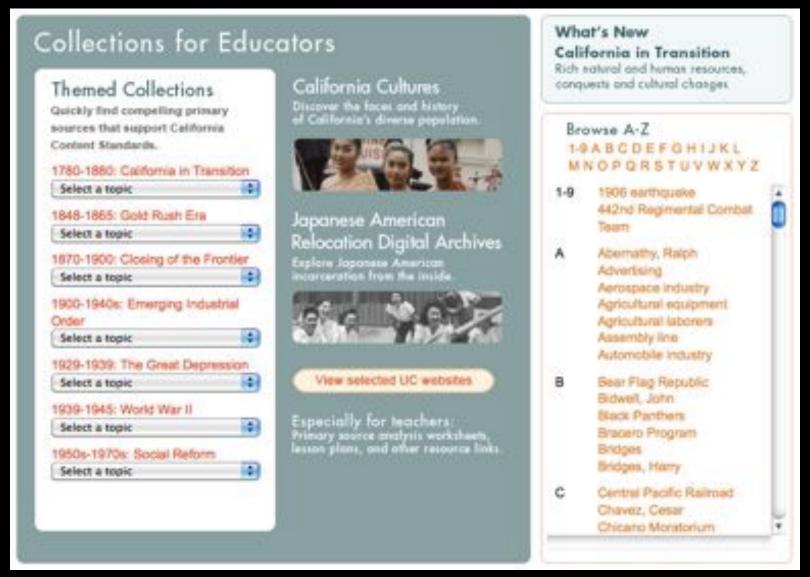
Transcontinental Railroad

Waterfalls

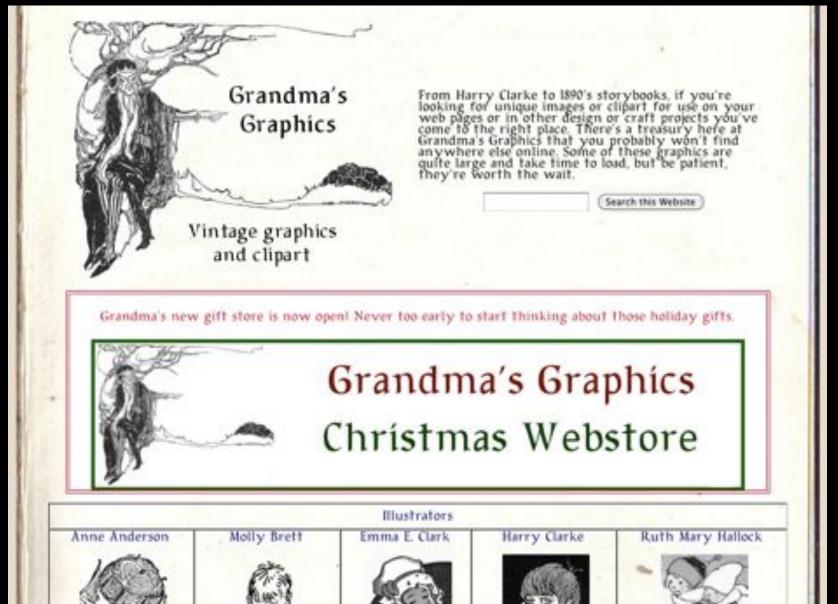
Yosemite National Park

Zoot Suit Riots

Calisphere http://www.calisphere.universityofcalifornia.edu



Grandma's Graphics http://www.grandmasgraphics.com



Public Domain Pictures http://www.publicdomainpictures.net



Commercial

iStockphoto http://www.istockphoto.com 4,000,000 images



200 200

Join us today

- 1. Join us for free right now.
- Search for royalty-free stock photography, vector Illustrations, stock video footage, audio tracks and Flash® files.
- Buy stock with Stock credits then download the files you need. Purchase Pay-as-you-go credits or customize a Subscription.

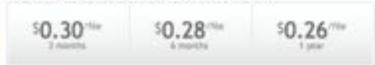


Copyright 2009 Stockphoto LP

Search for photos, illustrations, video & audio



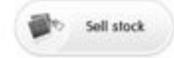
Subscriptions: Choose a one-year plan for as low as:



Based on a 480 credits/sky plan. Prices shown are in USD

How iStockphoto works

iStockphoto is the internet's original member-generated image and design community. Get easy, affordable inspiration with millions of safe, royalty-free photographs, vector illustrations, video footage, audio tracks and Flash files. Buy stock or sell stock — or both.





Introduction | Press | Popular | Civics | Careers | FAQs | Support | Privacy | Legal | Sitemap

\$1	X small	300x400
\$3	Small	600x800
\$6	Medium	1200x1600
\$12	Large	1920x2560
\$18	X large	2800x4200
\$21	XX large	3300x4900
\$27	XXX large	3700x5600

fotolia http://us.fotolia.com 6,764,794 photos & illustrations

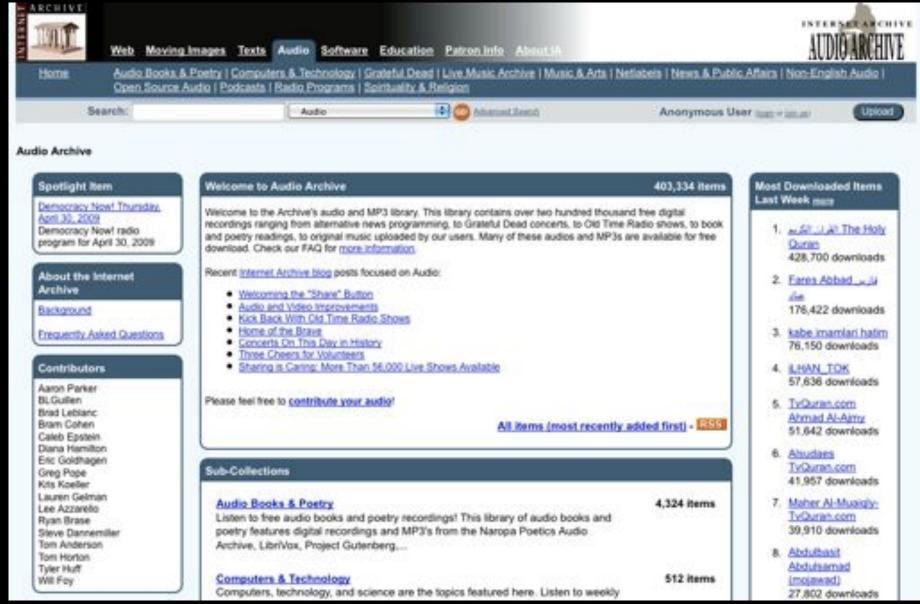


\$1	XS	300x400
\$2	S	640x480
\$3	M	6.9" x 9.8"
\$4	L	9.8" x 13.9"
\$5	XL	13.9" x 19.7"
\$6	XXL	19.7" x 27.8" +
\$7	XXXL	19.7" x 27.8" +

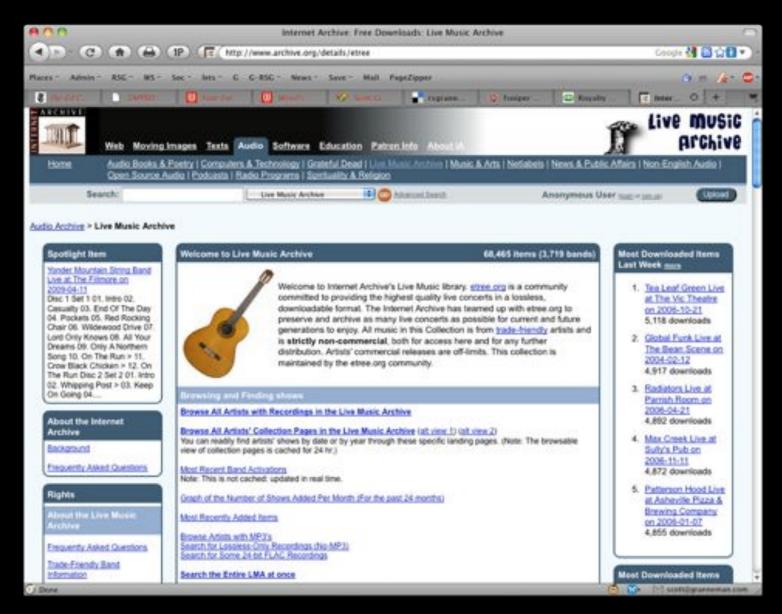
Audio Sources

Free

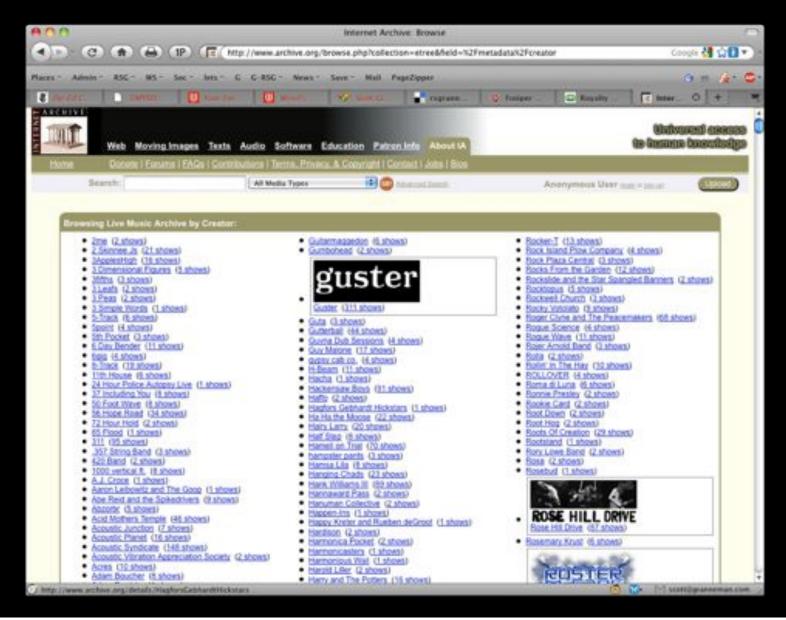
Internet Archive: Audio Archive http://www.archive.org/details/audio



Internet Archive: Live Music Archive http://www.archive.org/details/etree



Internet Archive: Live Music Archive http://www.archive.org/details/etree



Bela Fleck
& the Flecktones
Blues Traveler
Cowboy Junkies
Disco Biscuits

Grateful Dead
Jack Johnson
moe.

Radiators

Robert Randolph & the Family Band

Rusted Root

Smashing Pumpkins

String Cheese Incident

Umphreys McGee

Commercial

iStockphoto
http://www.istockphoto.com/
audio.php

29,000 audio files

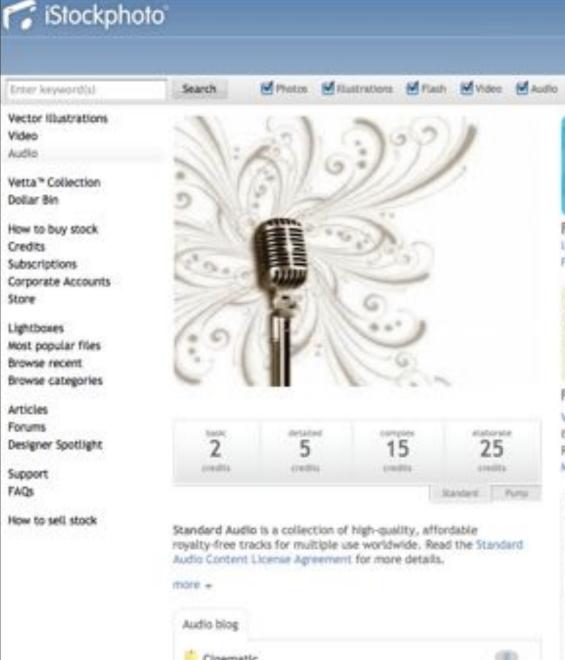


Sort Best match 4



Advanced Search

Need help?





Free track of the month Jaravich | United States Free Files archive #



Featured audio article Why Use Royalty-Free Music?

Dierognations

(Stockaudio is a new kind of Royalty-Free music. More articles *



Track of the week Salvadür | Ukraine Featured File archive #



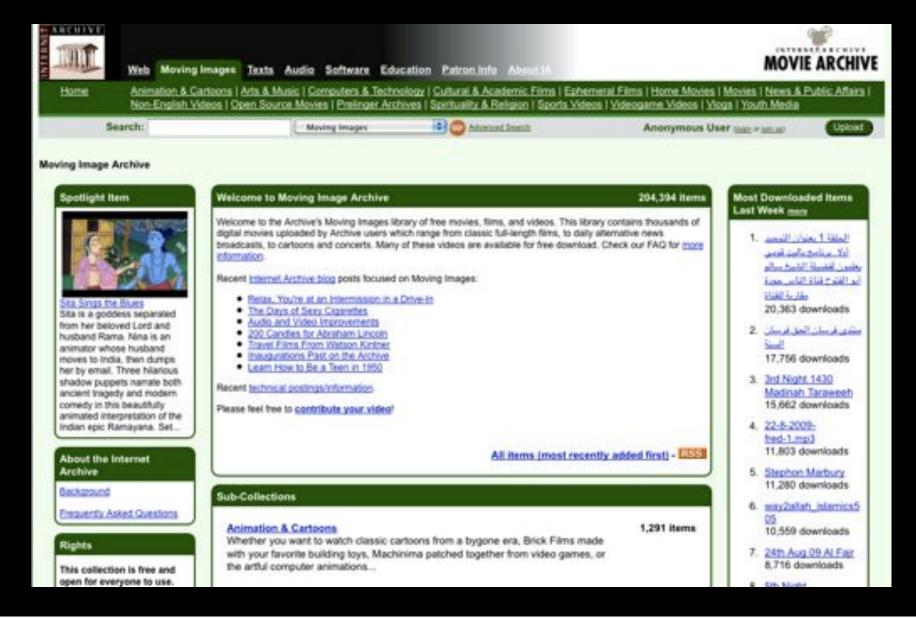
Sound artist of the month mitjal | Slovenia A seasoned veteran composing in broadcast media for many years... Featured Artist archive *

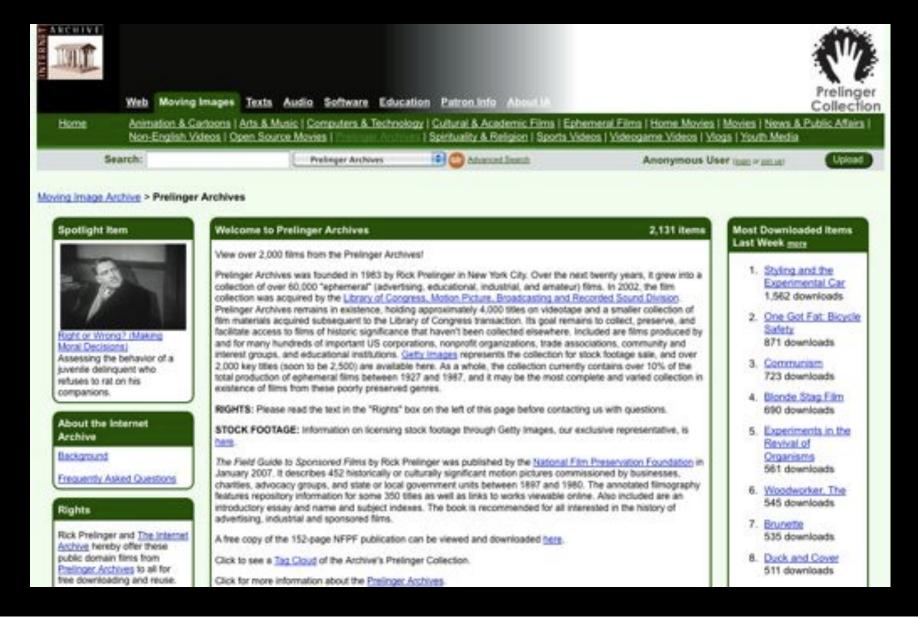


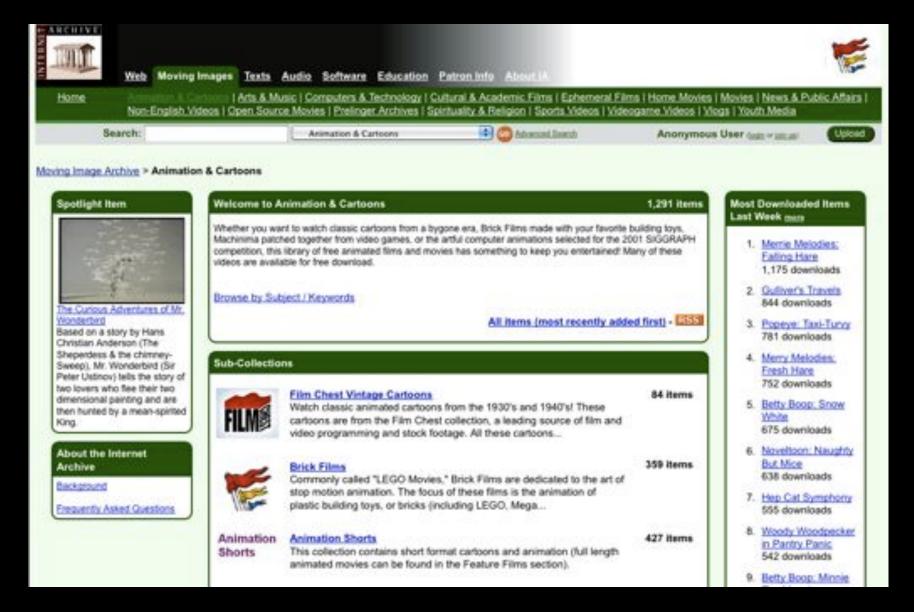
\$2	Basic	Isolated sounds & instruments, or sound effects
\$ 5	Detailed	Short phrases with multiple elements
\$ 15	Complex	Short or simple complete compositions
\$25	Elaborate	Long & detailed complete compositions

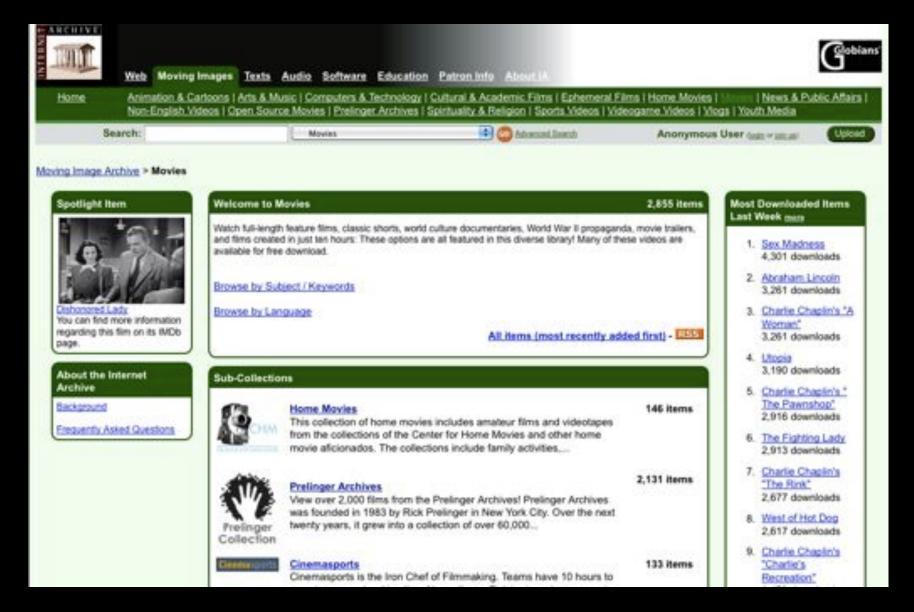
Video Sources

Free





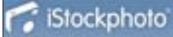


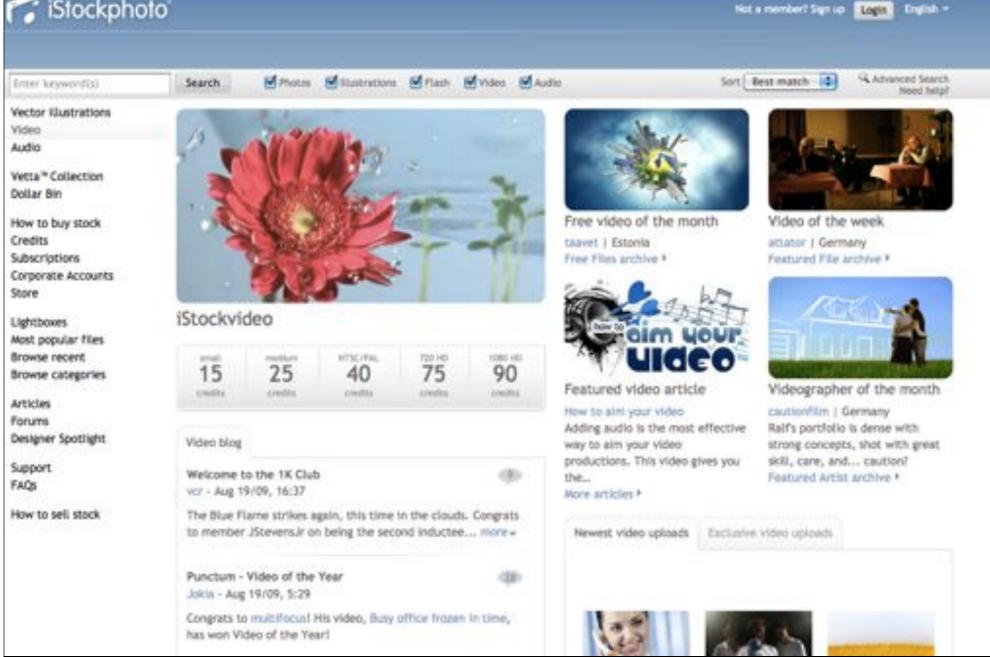


Commercial

iStockphoto http://www.istockphoto.com/ video.php

82





\$15	Small	320x180
\$25	Medium	640x360
\$40	NTSC	720x480
	PAL	720x576
\$75	720 HD	1280x720
\$90	1080 HD	1920x1080

WMV
MP4
QuickTime

fotolia
http://us.fotolia.com
45,237 videos



\$10	Small Web	320x240
\$20	Big Web	640x480
\$30	NTSC	720x480
\$30	PAL	720x576
\$40	HD 720	1280x720
\$50	HD 1080	1920x1080

WMV AVI
MP4 FLV
QuickTime

Final Thoughts



Thank you!

Email: scott@granneman.com

Web: www.granneman.com

Publications: www.granneman.com/pubs

Blog: blog.granneman.com

Twitter: scottgranneman

Multimedia & the Web Images, Audio, Video

Washington University in St. Louis
R. Scott Granneman
scott@granneman.com
www.granneman.com

© 2009 R. Scott Granneman Last updated 20091212 You are free to use this work, with certain restrictions. For full licensing information, please see the last slide/page.

Licensing of this work

This work is licensed under the Creative Commons Attribution-ShareAlike License.

To view a copy of this license, visit http://creativecommons.org/licenses/by-sa/1.0 or send a letter to Creative Commons, 559 Nathan Abbott Way, Stanford, California 94305, USA.

In addition to the rights and restrictions common to all Creative Commons licenses, the Attribution-ShareAlike License features the following key conditions:

Attribution. The licensor permits others to copy, distribute, display, and perform the work. In return, licensees must give the original author credit.

Share Alike. The licensor permits others to distribute derivative works under a license identical to the one that governs the licensor's work.

Questions? Email scott@granneman.com