

Image Mining on the Web for Powerpoint Presentations

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Part I: Finding images that are the right size (or close enough) for Powerpoint.

The screenshot shows a Google Images search for 'vatican'. The search bar at the top has 'vatican' entered, and the 'Images' tab is selected. Below the search bar, there are links for 'Web', 'Images', 'Groups', 'News', 'Froogle', 'Maps', 'Scholar', and 'more »'. The search results are displayed in a grid. A hand-drawn circle around the 'All image sizes' dropdown menu is labeled 'CHOOSE Large Images!'. The dropdown menu is open, showing options: 'All image sizes', 'Large images', 'Medium images', and 'Small images'. A hand-drawn circle around the image dimensions '335 x 334 pixels' is labeled 'Images Sizes Here!'. A hand-drawn arrow points to the 'File Type Here!' text, which says 'JPG is best for Powerpoint'. The search results include various images of the Vatican, such as the Vatican Museum staircase, the Vatican Museum, La Cité du Vatican, and the Vatican City map. Each image is accompanied by its dimensions, file size, and format. For example, the first image is 'vatican-museum-staircase-4' with dimensions '1556 x 1054 pixels - 182k - jpg' and source 'www.photo.net'. The second image is '74-Vatican Museum' with dimensions '1024 x 768 pixels - 130k - jpg' and source 'web.mit.edu'. The third image is 'La Cité du Vatican' with dimensions '335 x 334 pixels - 105k - gif' and source 'www.tlfo.ulaval.ca'. The fourth image is 'Vatican C' with dimensions '235 x 300 pixels - 105k - jpg' and source 'www.vat'. The fifth image is 'vatican.jpg' with dimensions '504 x 317 pixels - 66k - jpg' and source 'www.galenfrysinger.com'. The sixth image is '... Vatican Library Rome Reborn: ...' with dimensions '540 x 742 pixels - 51k - jpg' and source 'www.loc.gov'. The seventh image is 'Roma: Vatican from Saint Peter ...' with dimensions '800 x 543 pixels - 87k - jpg' and source 'www.neystadt.org'. The eighth image is '... of Saul St. Pa' with dimensions '817 x 779 pixels - 105k - jpg' and source 'www.humani'.

Google Images search results for 'vatican'. The search bar shows 'vatican' and the search button is 'Search'. The search results are displayed in a grid. A hand-drawn circle around the 'All image sizes' dropdown menu is labeled 'CHOOSE Large Images!'. The dropdown menu is open, showing options: 'All image sizes', 'Large images', 'Medium images', and 'Small images'. A hand-drawn circle around the image dimensions '335 x 334 pixels' is labeled 'Images Sizes Here!'. A hand-drawn arrow points to the 'File Type Here!' text, which says 'JPG is best for Powerpoint'.

Search results include:

- vatican-museum-staircase-4: 1556 x 1054 pixels - 182k - jpg (www.photo.net)
- 74-Vatican Museum: 1024 x 768 pixels - 130k - jpg (web.mit.edu)
- La Cité du Vatican: 335 x 334 pixels - 105k - gif (www.tlfo.ulaval.ca)
- Vatican C: 235 x 300 pixels - 105k - jpg (www.vat)
- vatican.jpg: 504 x 317 pixels - 66k - jpg (www.galenfrysinger.com)
- ... Vatican Library Rome Reborn: ...: 540 x 742 pixels - 51k - jpg (www.loc.gov)
- Roma: Vatican from Saint Peter ...: 800 x 543 pixels - 87k - jpg (www.neystadt.org)
- ... of Saul St. Pa: 817 x 779 pixels - 105k - jpg (www.humani)

What Size?

Standard Microsoft Powerpoint Full-Screen Setting

1000 Pixels Wide

750 Pixels High

100 Resolution/DPI

Since MOST files are created at 72 Resolution/DPI (not 100 dpi), it is best to grab images slightly larger in pixel height and width. For example...

1024 Pixels Wide

768 Pixels High

72 Resolution/DPI

This is a basic screen setting on most computers and many files are this size. This file will actually be a little larger than the powerpoint screen, but you can size the image down inside powerpoint to fit easily. Also, you can always copy images that are slightly smaller or larger than 1024 X 768. Just paste it directly into Powerpoint and see how much of the screen it fills. You do not want to INCREASE the size inside powerpoint – this will cause the image to pixelate and generally look bad. But every image need not fill the entire screen. DECREASING an image size in Powerpoint is fine... to a point. If the file is massive (much larger than the screen) inside Powerpoint, you probably need to edit it inside Photoshop first.

NOTE: If you put files that are larger than 1024 X 768 into your powerpoint, you run the risk of your presentation running slowly, crashing, or being too large to easily save.

Presentation1

Powerpoint Screen

Image... Obviously much bigger than it needs to be.



You may be tempted to shrink such a large image within Powerpoint... but even if it looks smaller the original image & file size are being saved in your presentation - using more memory than needed.

Click to add notes

USING PHOTOSHOP TO EDIT IMAGE SIZE

Image 1: Just copy and paste



Vatican City
1024 x 768 pixels - 161k - jpg
www.stat.ohio-state.edu

Image 2: Needs editing in Photoshop



vatican from st peters
4200 x 2116 pixels - 2399k - jpg
www.bruno.postle.net

Compare these two images. The first one fits our “good enough” standard and can just be copied and pasted into the powerpoint presentation without having to resize in Photoshop. It will only need slight adjustment in Powerpoint.

It is 1024 Pixels Wide, 768 Pixels Tall, 72 DPI... and only 161k.

The second image is quite large. At a whopping 4200 pixels wide and 2116 pixels tall and 2,399k! It would be unwise not to edit this image in Photoshop.

Open the image and COPY it from your browser.

In Photoshop go to FILE and choose NEW.

The size will match what is on your computer clipboard (AKA, the image you just copied), so select OK.

Then PASTE your image into the are. (FILE - PASTE).

Next... go to IMAGE and select IMAGE SIZE.

CHANGE RESOLUTION 1ST. You want to adjust it from 72 to 100. As you change the resolution, you will notice the pixel dimensions change numbers as well. That's okay.

CHANGE PIXEL DIMENSIONS 2nd. You want your image to fit within a 1000 x 750 box. This image is longer than taller, so you would adjust the width. Change it to 1000.

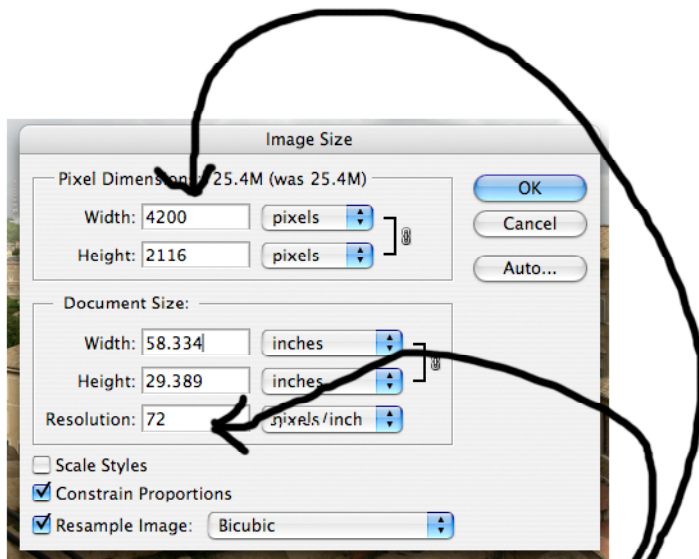
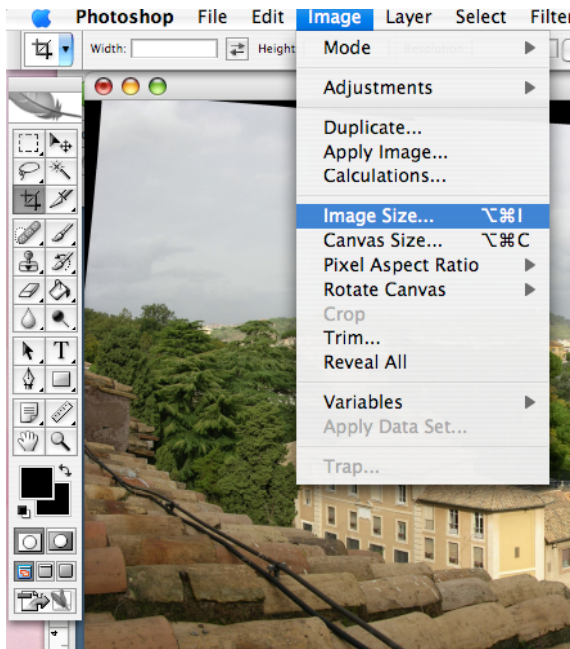
Now select OK.

Go to VIEW and ACTUAL PIXELS. This will show you the image at 100% size. If you notice the image is a little blurry or not quite as crisp, you can run a quick filter on it.

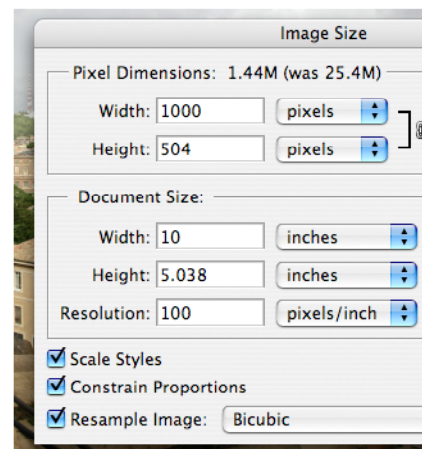
FILTER – SHARPEN – SHARPEN.

That usually takes care of any problems.

Your image is now ready to save or just copy and paste into powerpoint.



1ST - Change Resolution to 100
 2ND - Change Pixel Dimensions
 (to fit, change Width to 1,000)



Select OK

PART II: Using the Internet Search Engines to your advantage:

Advanced Google searching TIPS & TRICKS:

<http://www.google.com/intl/en/help/refinerearch.html>

REMEMBER: Google Images also has Advanced Searching options. Just click on “Advanced Image Search” to the right of the search button.

Google Images has a built in dictionary, but that doesn’t always help you. For example, suppose you are looking for images of the Roman Coliseum. You might be tempted to just type in “Roman Coliseum,” and that would be fine. Many images would appear from this search query. But there are lots of other options that would also turn up results –usually different and sometimes better results! You could just type in “Coliseum” for example. But Coliseum can be spelled many ways (including incorrectly... there are many fine pictures put on the web by someone who didn’t use spell check). So you could also do searches with “Coloseum,” “Colosseum,” “Coliseum,” and “Colliseum.” You can also type in foreign spellings, such as “COLOSSEVM” or “COLOSSEO” for example. And then there are alternative names, such as “Anfiteatrum Flavium,” “Flavian Amphitheatre,” “Flavian Amphitheater,” “Roman Amphitheater,” “Roman Stadium,” and so on.

If you are looking for details of the Coliseum, for example details of the arches: “colosseum arches,” “colosseum Doric,” “colosseum ionic,” “colosseum Corinthian.” Again, different spellings of “coliseum” with the arch combo will create different results.

Details, More Examples of word combinations:

colosseum corridors, colosseum basement, colosseum seats, colosseum plan, Colosseum vaults, Colosseum exterior, Colosseum interior, Colosseum floor, Colosseum channels, Colosseum aerial, Colosseum satellite, Colosseum drawing, Colosseum reconstruction, Colosseum section, Colosseum passageway... and so on.

If you are searching for work by ONE ARTIST, try using the web search and type in “gallery” after the name. Such as “Frida Kahlo Gallery”

If you’re getting really frustrated... try an online image database. They are often filled with images that are not pulled up in the Google search.

TRY THESE

The WikiMedia Commons.

<http://commons.wikimedia.org/wiki/Commons:Welcome>

ArtServe: Art & Architecture mainly from the Mediterranean Basin, Japan, India & Cambodia

<http://rubens.anu.edu.au/>

Web Gallery of Art: The Web Gallery of Art is a virtual museum and searchable database of European painting and sculpture of the Gothic, Renaissance and Baroque periods (1100-1850), currently containing over 15.400 reproductions.

<http://www.wga.hu/index.html>

<http://www.masterworksartgallery.com/>

Faculty Websites! Don't be afraid to use other school's resources. Many professors post massive amounts of art & architecture images on their websites as study guides. So when you see a .edu in your image search, click on the site and browse around... chances are you'll find many related images as well.

Example: <http://www.angelo.edu/faculty/rprestia/1301/>

Example: <http://www2.siba.fi/~kkoskim/rooma/pages/MAIN.HTM>

Artchive

<http://www.artchive.com>

The Bridgeman Art Library

is the world's leading source of fine art with images from over eight thousand collections and twenty nine thousand artists.

<http://www.bridgeman.co.uk/>

Smithsonian Institution Research Information System

<http://www.siris.si.edu/>

Includes: Libraries, Archival Collections, Photographic Collections, and a large American Art Database.

Smithsonian American Art Museum

<http://sirismm.si.edu/siris/saam.htm>

Artstor

<http://www.artstor.org/info/collections/imagegallery.jsp>

CAROL GERTEN'S FINE ART

<http://cgfa.sunsite.dk/>

Art History Web Gallery – great site!

http://www.arthistory.cc/index_ns.html

A pretty impressive guide to art images on the web.

<http://www.ocaiw.com/>

Masters Gallery

http://www.ocaiw.com/galleria_maestri/?lang=en

Abstract Art Gallery

<http://www.abstract-art.com/index.shtml>

<http://www.usc.edu/schools/annenberg/asc/projects/comm544/library/>

Humanities Art Gallery

<http://humanitiesweb.org/human.php?s=g>

This is a database of art, architectural, and museum object images.

http://www.si.umich.edu/Art_History/

Art Renewal Gallery

<http://www.artrenewal.org/>

Tigertail Virtual Musuem – many artists and movements here

<http://tigtail.org/>

Art Dream is pretty nifty, but it is in Italian... so guesswork, here.

<http://www.artdreamguide.com/adg/arti.htm>

Art Online... in English and Italian.

<http://www.artonline.it/eng/default.asp>

Digital Archive of Art, from Boston College

http://www.bc.edu/bc_org/avp/cas/fnart/art/

Museum of Bad Art

<http://www.museumofbadart.org/>

An Awesome Web Gallery with tons of pics... but in Spanish (some English... but you may have more guesswork here)

<http://pintura.aut.org/>

Good selection of photographs taken at the museums. Nice work.

http://www.pbase.com/michlob/museum_art

Nice site.

<http://www.the-athenaeum.org/art>