



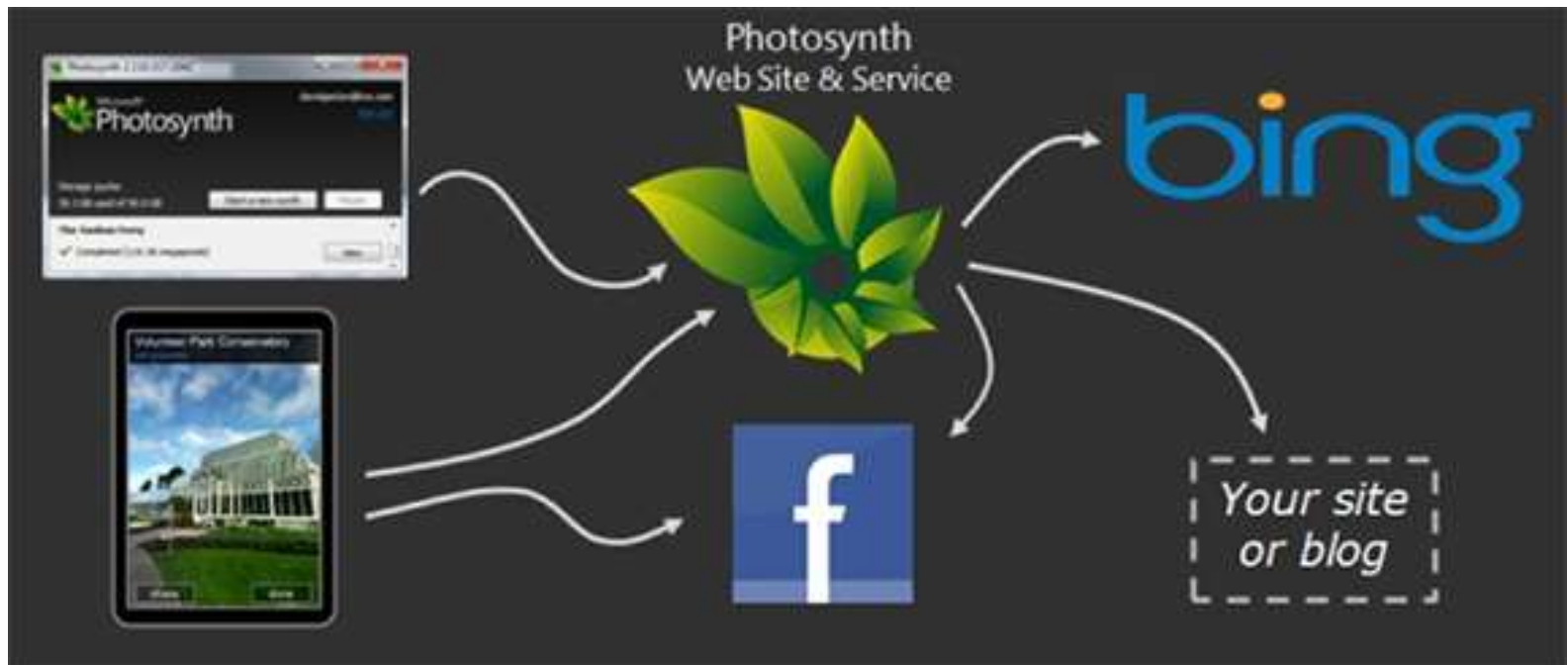
Microsoft Photosynth

Panoramas and Synths

For Computer and for Mobile Device

Ken Hales July 21, 2011

The World of Photosynth



Getting Started

- Go to <http://photosynth.net/default.aspx> to start. You will have to restart your browser in 32-bit mode to proceed
- Create an account
- Download the tools you need:
 - To make panoramas from your iOS device, get the Photosynth App from [Apple's App Store](#)
 - To make panoramas from your PC, install Image Composite Editor from [here](#) and the Photosynth application from [here](#)
 - To make synths from your PC, just install the Photosynth application
- To learn more about the ICE go to the link above

How to Capture the World in 3D?

Panorama

- Choose a panorama when you can capture everything from a single location with a single zoom level. Great for giving a sense of what it feels like to be in a one particular place. Can be 360° in both directions, but doesn't have to be.
- Simple to navigate - all you can do is go left/right, up/down and zoom in/out.

How to Capture the World in 3D?

Synth

- Good for capturing different sides or details of an object. Synths were the original experience on www.photosynth.net site, and they remain its unique feature
- More complex to navigate than panoramas because you are moving from photo to photo

Capabilities – What & Where

- Windows computer – View and create. Create using your camera and PC software. Obtain
- Mac computer - View
- iOS device – View and create (using Photosynth app). For best results create using iOS device with best camera

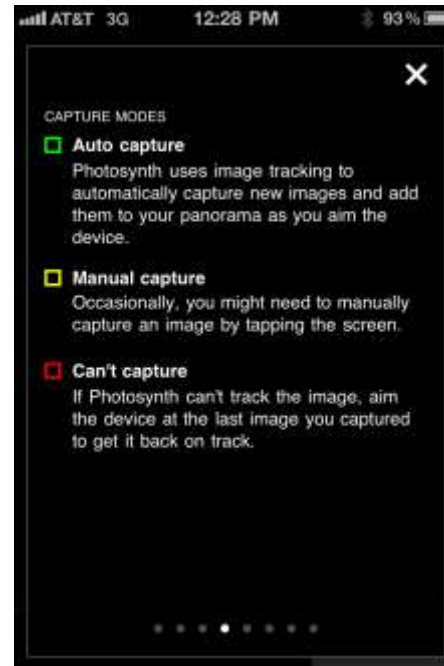
Note all viewing is via www.photosynth.net and in case of iOS device through app

Data Storage

- iOS devices: on device and in cloud (choices)
- Mac/PC: in cloud

Shooting

- iOS – Demo of taking. Note “interactive capture”



- Camera – Obtain and review “The Photosynth Photography Guide,” a PDF document. Google it to obtain

Processing

iOS device. Use Photosynth App

- Discussed at

<http://photosynth.net/capture.aspx> and on following page from App Store

Photosynth App from App Store

Purchased 9:37 AM 83%

Photosynth

Microsoft Corporation Developer Page ›

Photosynth Tell a Friend ›

Description

Photosynth – Interactive Panorama Capture and Sharing

Photosynth for iOS is the panorama creation and sharing app that lets you capture more of your world. Now you can capture 360° in all directions (up, down, left, and right) to create spectacular images. Using the latest in computer vision techniques, Photosynth makes it easy and fun to create and share interactive panoramas of wherever you are.

Photosynth can share images and interactive panorama experiences to Facebook (with the included free Photosynth.net service). Integration with Bing Maps means millions of people could see your panoramas on maps and in search results for locations you've captured.

Photosynth – Capture More

Features:

- See your panorama take shape as you capture them with INTERACTIVE CAPTURE
- Look and capture in all directions with FULL-SPHERE PANORAMAS
- See the final panorama right away with fast ON-DEVICE PROCESSING
- Sharp, high-resolution results with the ADVANCED IMAGE STITCHING ENGINE
- Panoramas are always available to view and share from the ON-DEVICE LIBRARY
- Zoom, pan, stretch, and view in landscape or portrait with our IMMERSIVE VIEWER
- Save as many panoramas as you want and view them online at PHOTOSYNTH.NET

Sharing:

- Share to Facebook with images or interactive panoramas
- Share to Bing Maps to see your panoramas throughout Bing
- Your panorama images are available to any app from the Camera Roll

Photosynth's unique capture experience requires an iPhone 3Gs, iPhone 4, iPad 2, or iPod Touch (Fourth Generation).

Category: Photography
Released: Apr 18, 2011
Version: 1.0
Size: 4.4 MB
Language: English
Seller: Microsoft Corporation
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Rated 4+

Requirements:
Compatible with iPhone 3GS, iPhone 4, iPod touch (4th generation), iPad 2 Wi-Fi, and iPad 2 Wi-Fi + 3G.
Requires iOS 4.0 or later.

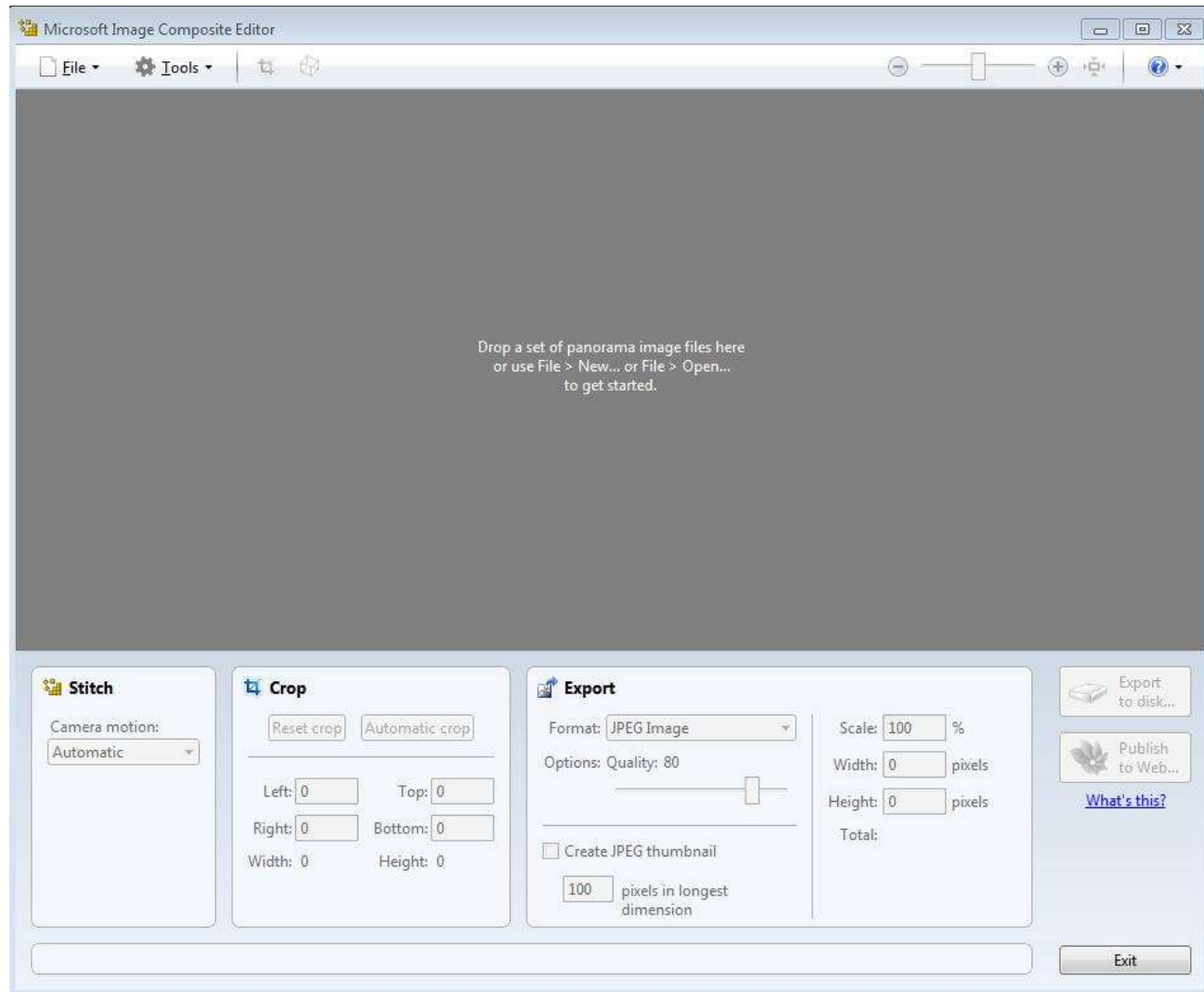
Developer Web Site

App Support


Application License Agreement


Featured Genius Top Charts Categories **Purchased** Updates

Processing - On PC to create Panorama



Processing - On PC to create Synth

Name and Thumbnail 




Tags (separated by commas)

Description (3000 character limit)

Visibility

Photo Rights

 We recommend a [Creative Commons](#) license.

(To start a synth you must add at least 3 photos and provide a name)

Viewing of Results

- My panoramas and my synth (log-in and 32-bit browser). Expand viewer and enable “slide show.” Move up and down
 - Panos: Mariners 3 (iPhone), Back Yard, Arcadia Court – Nikon
 - Synth: Living Room (87% Synth). Note Synth tips:



Explore and Wrap-up

- Go to the **Explore** tab from:

<http://photosynth.net/explore.aspx?filter=NiceAndSynthy&time=Last7Days&type=Panorama&mobileOnly=True> by “Nice and

Synthy” and three options: Photosynths (100%), Panoramas and Mobile Panoramas

- Go to <http://photosynth.net/about.aspx> and review “What is Photosynth?”
- Shoot some and process and enjoy!