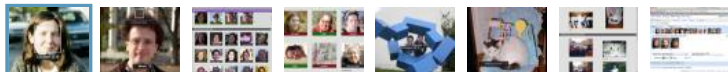


Detecting Faces in Apple iPhoto '09

The latest photo-management programs from Apple and Google include revolutionary face-spotting technology.

By Simson Garfinkel and Beth Rosenberg



Apple's iPhoto automatically identifies faces within a collection of images. Most face-detection software does this by searching for a person's eyes, nose, and mouth.

Credit: Simson Garfinkel and Beth Rosenberg

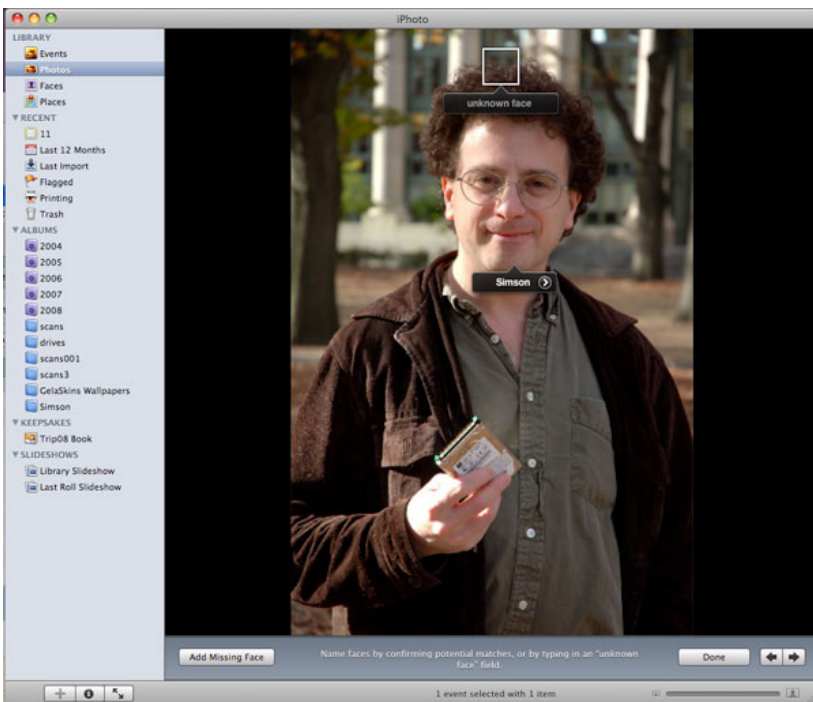
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[1] 2 3 4 5 6 7 8 Next »

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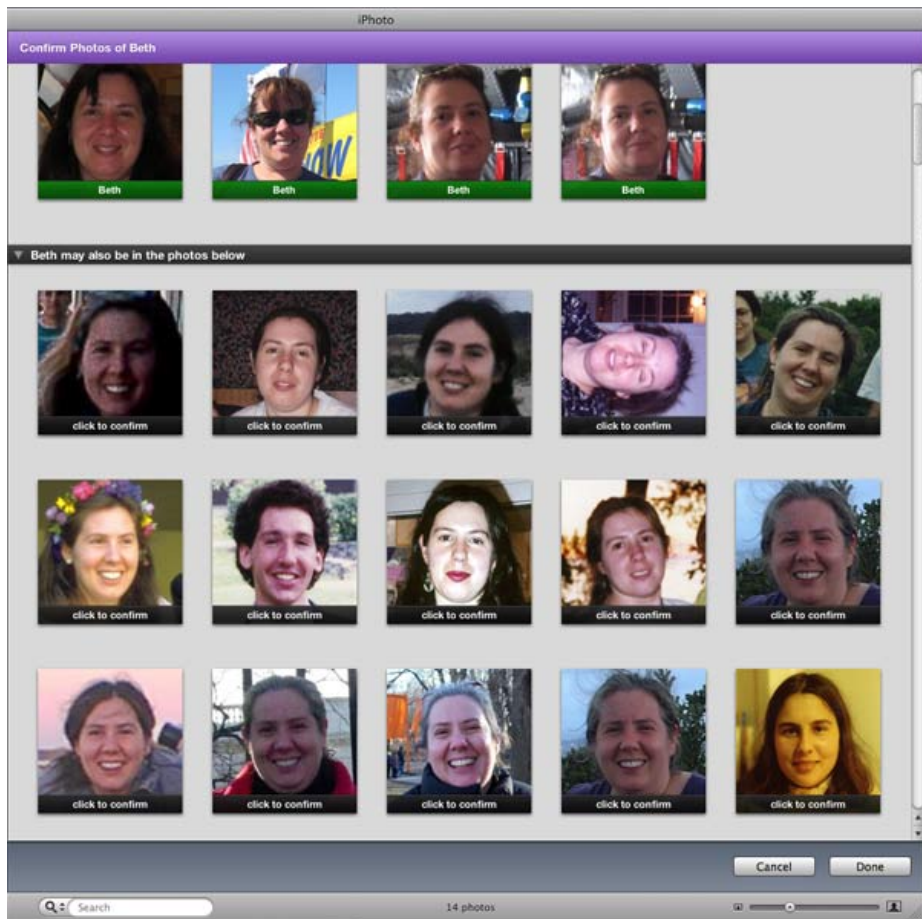
Sometimes, however, the software mistakes another element of an image for someone's face.

Credit: Simson Garfinkel and Beth Rosenberg

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Technology Review: Detecting Faces in Apple iPhoto '09



Once a person has been identified, iPhoto will try to find other images containing his or her likeness.

Credit: Simson Garfinkel and Beth Rosenberg

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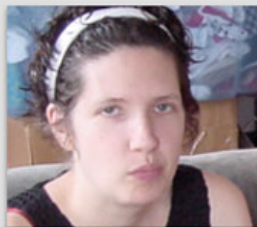
[« Back 1 2 \[3\] 4 5 6 7 8 Next »](#)



Not Beth



Beth



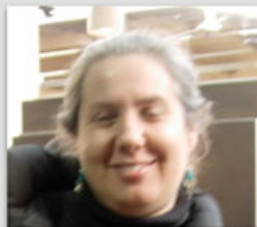
Not Beth



Beth



Not Beth



click to confirm

add keywords

A user can train the software to better recognize a face by confirming and rejecting suggested matches.

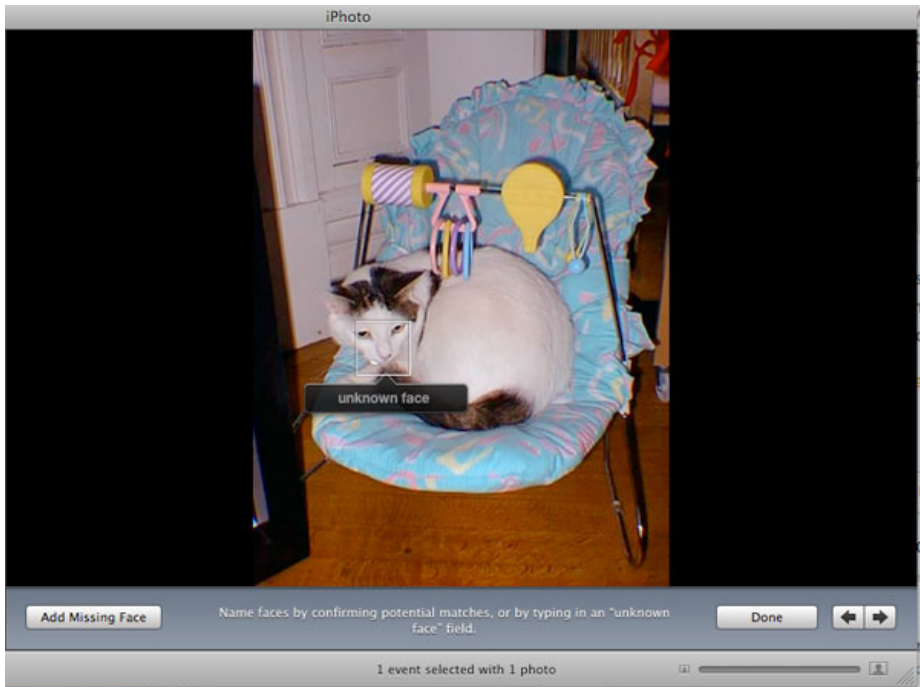


iPhoto can correctly tell our twins apart.

Credit: Simson Garfinkel and Beth Rosenberg

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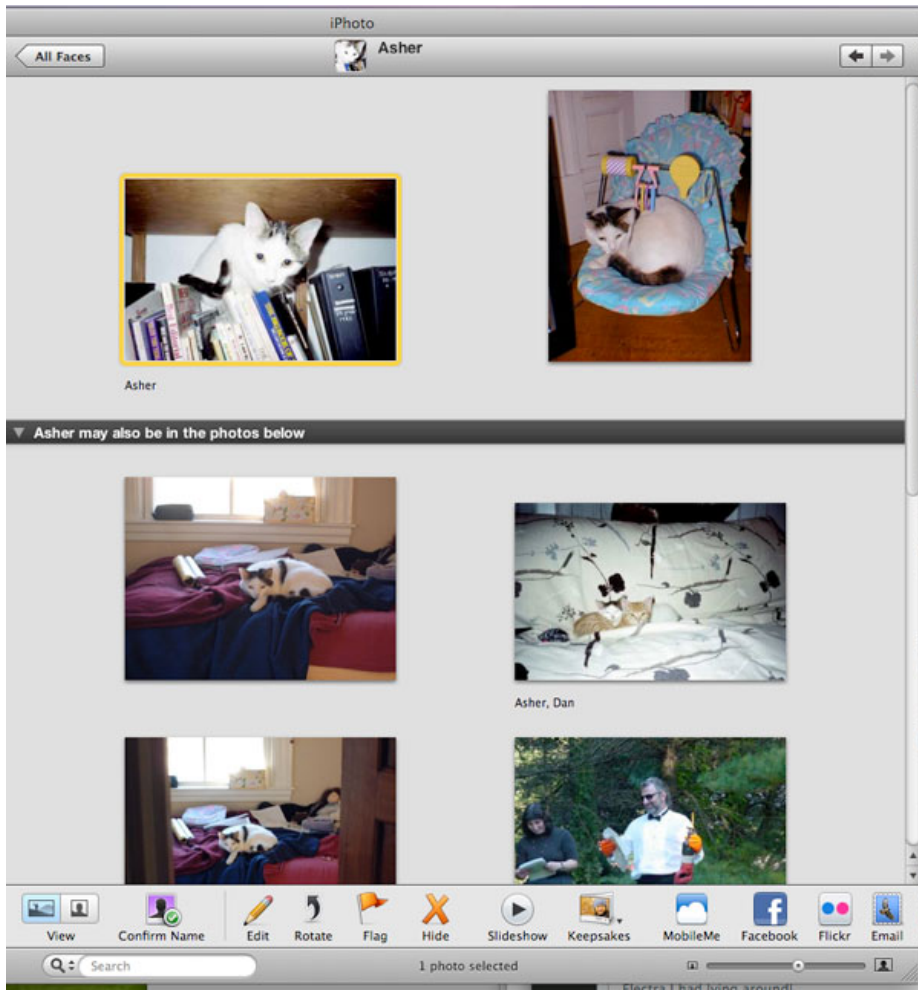


iPhoto will automatically recognize a cat's face.

Credit: Simson Garfinkel and Beth Rosenberg

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The software had little trouble finding images of our cat Asher--even as a kitten.

Picasa Web Albums - Add Name Tags

http://picasaweb.google.com/lh/clusterView?uname=nitrobaphotos#

People: All People Album: All Albums

Use the checkboxes below to select faces of one person. Select: All None

Enter name:

Don't want to name a face?
Mark selected faces as: [Ignore](#) [Skip](#) [Not a Face](#)

Suggestions: sonia Jared

Name tag status: You have tagged 8 of 149 faces total

[Edit hidden faces \(0\)](#) (faces marked ignore, not a face, or skipped)

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Google's Picasa creates a central database of faces matched to names, e-mail addresses, and more.

Credit: Simson Garfinkel and Beth Rosenberg

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