DECLARATION OF NATHANIEL E FRANK-WHITE

1. I am a Records Request Processor at the Internet Archive. I make this declaration of my own personal knowledge.

2. The Internet Archive is a website that provides access to a digital library of Internet sites and other cultural artifacts in digital form. Like a paper library, we provide free access to researchers, historians, scholars, and the general public. The Internet Archive has partnered with and receives support from various institutions, including the Library of Congress.

3. The Internet Archive has created a service known as the Wayback Machine. The Wayback Machine makes it possible to browse more than 450 billion pages stored in the Internet Archive's web archive. Visitors to the Wayback Machine can search archives by URL (i.e., a website address). If archived records for a URL are available, the visitor will be presented with a display of available dates. The visitor may select one of those dates, and begin browsing an archived version of the Web. Links on archived files in the Wayback Machine point to other archived files (whether HTML pages or other file types), if any are found for the URL indicated by a given link. For instance, the Wayback Machine is designed such that when a visitor clicks on a hyperlink on an archived page that points to another URL, the visitor will be served the archived file found for the hyperlink's URL with the closest available date to the initial file containing the hyperlink.

4. The archived data made viewable and browseable by the Wayback Machine is obtained by use of web archiving software that automatically stores copies of files available via the Internet, each file preserved as it existed at a particular point in time.

5. The Internet Archive assigns a URL on its site to the archived files in the format http://web.archive.org/web/[Year in yyyy][Month in mm][Day in dd][Time code in hh:mm:ss]/[Archived URL] aka an "extended URL". Thus, the extended URL http://web.archive.org/web/19970126045828/http://www.archive.org/ would be the URL for the record of the Internet Archive home page HTML file (http://www.archive.org/) archived on January 26, 1997 at 4:58 a.m. and 28 seconds (1997/01/26 at 04:58:28). The date indicated by an extended URL applies to a preserved instance of a file for a given URL, but not necessarily to any other files linked therein. Thus, in the case of a page constituted by a primary HTML file and other separate files (e.g., files with images, audio, multimedia, design elements, or other embedded content) linked within that primary HTML file, the primary HTML file and the other files will each have their own respective extended URLs and may not have been archived on the same dates.

6. Attached hereto as Exhibit A are true and accurate copies of browser screenshots of the Internet Archive's records of the archived files for the URLs and the dates specified in the attached coversheet of each printout.

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archive.org

7. I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

DATE: July 25, 2024

Nathaniel E Frank-White

Nathaniel E Frank-White

EXHIBIT A

https://web.archive.org/web/20171109002027/https://www.theverge.com/2017/11/8/16625130/microsoft-windows-10-airdrop-near-share-feature

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MICROSOFT \ TECH

Windows 10's version of AirDrop lets you quickly share files between PCs

25

by Tom Warren | @tomwarren | Nov 8, 2017, 2:51pm EST

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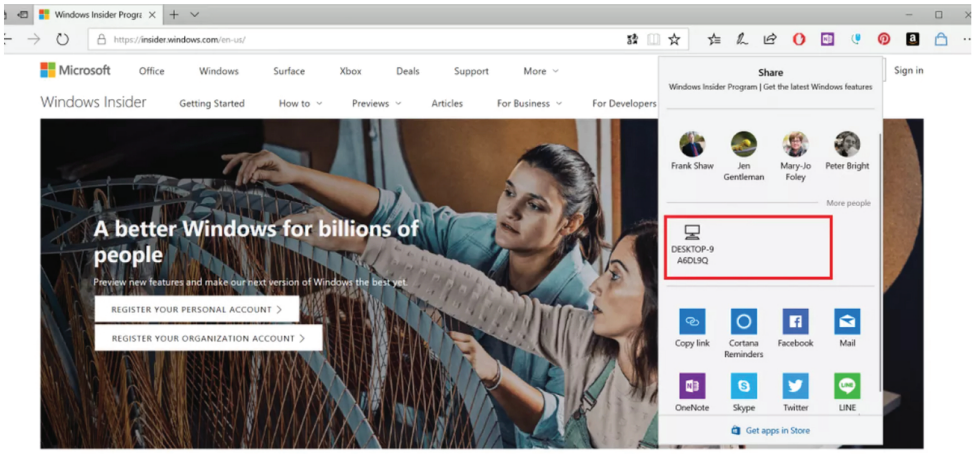

Windows Insider Program

Microsoft is introducing its own version of Apple's AirDrop feature in Windows 10. The software giant has started testing its "Near Share" feature of Windows 10 in the latest Insider build (17035) today, and it's designed to make file sharing easier. Like AirDrop, Near Share will let Windows 10 PCs share documents or photos to PCs nearby via Bluetooth.

A new Near Share option will be available in the notification center, and the feature can be accessed through the main share function in Windows 10. Files will be shared wirelessly, and recipients will receive a notification when someone is trying to send a file. We haven't tested the new feature fully, but it sounds perfect for sending space sloths during company meetings. Microsoft's addition comes just a day after Google unveiled its own AirDrop-like app for Android.

Alongside the new Near Share feature, Microsoft is also adding mute a tab to the Edge browser. Like Chrome, mute a tab will silence irritating auto playing videos or ads in a browsing session. Microsoft is also bringing Surface hardware into its Microsoft Store app

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browsing session. Microsoft is also bringing Surface hardware into its Microsoft Store app, allowing Windows 10 users to purchase devices and accessories.

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Apple's first scripted TV show will star Reese Witherspoon and Jennifer Aniston

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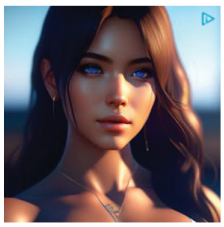

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GOOGLE \ MOBILE \ TECH

Google's Files Go app is kind of like AirDrop for Android

47

by Jacob Kastrenakes | Nov 7, 2017, 9:41am EST

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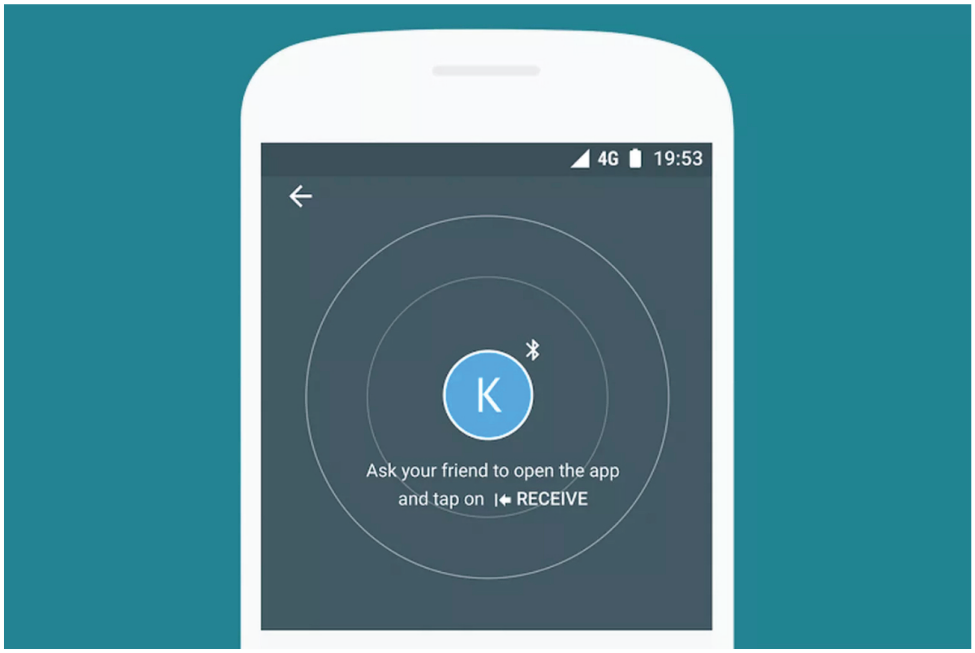

Google appears to be working on a new app called Files Go that'll work as a way to manage, clean up, and share files. It's that last one that seems the most interesting here: Files Go seems to have a feature that works a lot like Apple's AirDrop, letting you easily send files to nearby Android phones over Bluetooth.

The file-transfer feature doesn't appear to work quite as smoothly as AirDrop. Both people need to have the Files Go app open, whereas AirDrop lets you send files from any app to any nearby contact, even if they don't have the same app.

Still, it'd be a nice addition to Android if Google began shipping this as a stock app. Right now, the best way to send a file to a nearby phone is by using Android Beam, which requires tapping the two phones together to make an NFC connection. It works, but it's an odd interaction that a lot of people don't seem to know about. Putting a file-sharing feature inside an app clearly about managing files seems a lot more discoverable.

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Unfortunately, Files Go isn't available yet. The app was spotted in the Play Store yesterday in a closed beta program, and it's since been removed. It also isn't clear how widely it'll get released once it's ready. Given the "Go" name, it seems likely to be part of Google's Android Go initiative, which is making a stripped-down version of Android that runs on phones with slower hardware. The goal is to make Android work better on these phones, so that the OS will be adopted by people in countries where smartphones are just starting to permeate.

FILES GO SEEMS TO BE DESIGNED FOR ANDROID GO

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Files Go is less than 10MB large, and the app's other features are about clearing up space, so it seems to play into the Go initiative pretty clearly. The app has a dashboard that shows how much storage your phone has left, includes a button to clear cached files, and it highlights large files you can delete to free up space. It'll also suggest removing apps that it looks like you aren't using anymore. The app includes a files manager as well to let you look through local photos, videos, music, and other documents.

These features aren't new to Android. There are already ways to browse your local files, free up space, and share documents. But there isn't one easy-to-use management app like this just yet. So even though Google seems to be working on this for one specific segment of Android, it wouldn't be a bad idea to offer it to everyone.

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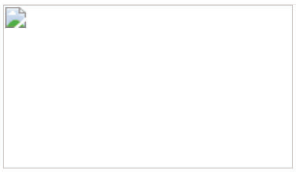
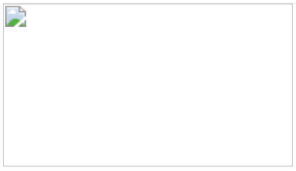


Twitter bumps display name length up to 50 characters
by Thuy Ong



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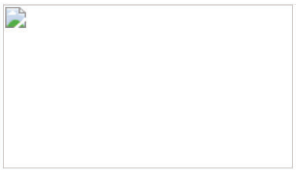

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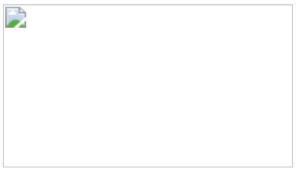

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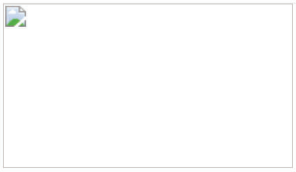

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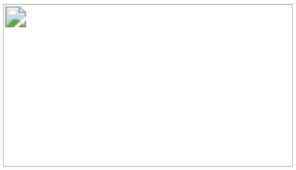

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InterDigital Exhibit 2055, p. 11
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MOBILE

Android's Nearby Share just can't compete with AirDrop

By Christian de Looper
February 9, 2021 6:00AM PST

AirDrop has long been the easiest way for Apple users to share files, photos, and other data between their own devices, and with friends and family. Along with other features like iMessage, AirDrop has been hailed as one of the biggest advantages of sticking within the Apple ecosystem.

But others are at least trying to catch up. After years of Apple standing alone, Google *finally* launched what looked to be an answer to AirDrop, in the form of Android Nearby Share. The name isn't as catchy, but the idea is the same: You can use it to share files and photos with your own nearby devices, or those of your friends and family.

Turns out, however, Google *still* has some catching up to do — and there may be nothing it can do about it.

The tech and the interface

The actual tech behind Android Nearby Share is a little different from AirDrop, but the concept is the same. It uses Bluetooth, Wi-Fi, or NFC to transfer files between devices, and it determines which method is best on the fly. AirDrop, on the other hand, sticks to using Wi-Fi and Bluetooth, establishing a connection with the other device through Bluetooth, and then sharing files over a walled-off and private Wi-Fi network.

To use both systems, you need to have Wi-Fi and Bluetooth enabled, but don't need an active data connection. Assuming all the settings are turned on, which they are by default, they both work pretty easily.

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With both AirDrop and Nearby Share, once you hit the share button on a file or photo, potential targets should pop right up. Tap on their profile image, and off flies the file, hopefully without interruption. Transfer times are low, and ease-of-use is high.

It's the ecosystem, maaaaan

But while both AirDrop and Nearby Share are similarly easy to use, and about as effective as each other for a simple phone-to-phone transfer, there's still one way in which AirDrop is better — and it makes it *much* better. That's the ecosystem.

The way I use AirDrop most is transferring files between my own devices — and for me, that includes a Mac. AirDrop is hands-down the fastest and simplest way to move piles of photos or large video files to my computer. No waiting for an internet upload and download; it's at my computer in a few seconds.

> *There's still one way in which AirDrop is better — and it makes it much better. That's the ecosystem.*

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That's just not something that Android Nearby Share can facilitate in the same way. Sure, you can send files between your Android phone and Android tablet, or to a Chromebook. But let's be honest, there are far more people with Android phones using iPads and Windows or Mac computers — and you simply can't use Nearby Share on them. That severely limits Nearby Share's usability for many people.

AirDrop is at once limiting and freeing. Not only can you quickly and easily share files with *all* of your own Apple devices, but you can also do so to and from *all* of your friends' Apple devices. Phones, tablets, laptops, and desktops. In my household, this comes in handy a lot — I can share files directly to my girlfriend's Mac, her iPad, or her iPhone, and she can do the same to me. And it's not just "files" — you can send boarding passes in Apple Wallet, contact details, and more, and the devices all know how to automatically handle the content types.

The catch is, of course, the "Apple devices" part. You *can* get seamless phone-tablet-computer transfers, but they all have to come from Apple. Still, at least this *is* an option.

Of course, this is a much wider issue than just file transfer tech. Unfortunately, Apple is really the only company that offers a complete device ecosystem. You could, and maybe you already do, own and use *only* Apple devices, but that isn't the majority of people. Sure, you may be using a Chrome OS computer — but why would you need to transfer files from your phone to it, when it has limited local storage and few apps to process the files? The big hangup here is Windows; Microsoft has made advancements in integrating Android phones with Windows of late, but not Nearby Share.

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It's hard to imagine how Google could make a better experience with Android Nearby Share. It's a solid feature — and actually, it's a necessary one that should've been here a long time ago. It handles the basics, but without the weight of a full ecosystem of products behind it, it can't compete. With no way to integrate with Apple devices, no Windows support, and a *very* small market share with Android tablets, Nearby Share's prospects for competing with AirDrop are slim.

Editors' Recommendations

- How to transfer photos from iPhone to iPhone
- How to transfer your photos from an Android phone to a PC
- How to transfer files from Android to your PC
- The best tablets for 2021
- How to transfer photos from an iPhone to a computer

How to transfer contacts between iPhone and Android devices

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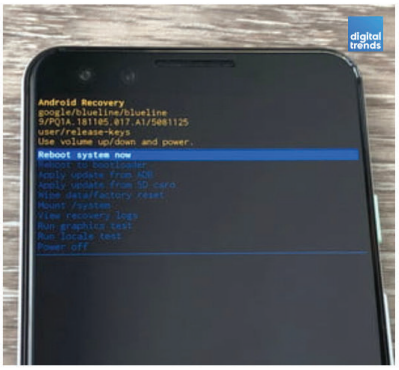

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Anthony Wing Kosner, Contributor
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Apple Has Developers (Mostly) Convinced That iOS 7 Will Make Them More Money

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Ask designers what they think about iOS 7 and you'll get an earful, a lof of it negative. But if you query developers about whether they think Apple AAPL +0.92%'s new mobile OS will make them richer, the answers are decidedly more positive. Heroku's Mattt Thompson told VentureBeat, "In the short term, there will be a mad rush to retrofit all of the existing apps out there. Apple essentially wrote a $100 million check to agencies and contractors with iOS 7."

And beyond the initial rush to update apps, several structural improvements will have a marked impact on developers' bottom lines. First and foremost, the auto update feature will make it much easier for developers to assure that users have the current versions of their apps which should improve customer satisfaction and sales. Multitasking should create a livelier experience for users and also increase satisfaction and help promote more in-app purchases.

iOS 7 Is Subtly Dimensional And Exquisitely Modern

Anthony Wing Kosner
Contributor

On a larger level, the new procedure for app transfers in the app store, explained here by Apptopia's Jonathan Kay, will increase the liquidity of the app market by allowing the sale of the entire accounts of individual developers or companies including leaderboard rankings and users.

For a broader sense of the developer reaction to iOS 7, I talked to Satjot Sawhney, co-founder and CEO of TapFame, a community of talent behind almost 15,000 mobile apps. Sawhney sent a survey out to 1,000 iOS Developers on TapFame yesterday and received 223 responses.

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