



The Best Command Prompt Tricks and Tips

By **Joel Lee** / December 18, 2017 18-12-2017 / 8 minutes

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Microsoft wants users to move over from Command Prompt to PowerShell, but there are good reasons not to, the chief one being that PowerShell is more advanced and suited for power users. Command Prompt remains the better option for everyday users. Learn more in our overview of [differences between Command Prompt and PowerShell](#).

Command Prompt vs. Windows PowerShell: What's the Difference?

Windows users can get by without using either the Command Prompt or PowerShell. But with [Windows 10](#) and new features around the corner, maybe it's about time we learned.

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But just because Command Prompt is *simpler* doesn't mean it's *primitive*. You'll find so many awesome Command Prompt tricks and



some of our favorites.

Latest Giveaways:

1. Learn the Function Key Shortcuts

Most of the function keys (F1 through F9) serve a function in the Command Prompt:

F1: Retypes the last used command, character by character per press.

F2: Asks for a character, then retypes the last used command up to the first occurrence of that character.

F3: Completely retypes the last used command.

F4: Asks for a character, then deletes all characters in the current command, starting from the cursor position up to the first occurrence of the asked character.

F5: Completely retypes previously used commands, but does not cycle.

F6: Types ^Z into the current command.

F7: Presents a menu of previously used commands.

F8: Completely retypes previously used commands, does cycle.

F9: Completely retypes a previously used command, corresponding to the number in the menu presented by F7.

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2. View Command History

When you want to see every single command you've typed since the beginning of the session, you can just use this command:

```
doskey /history
```

Doskey is a utility provided by Microsoft with several functions, one of which is this history of commands. It's basically the same thing as pressing F7, except you can save, feed, or manipulate the output elsewhere. See Tips #7 to #9 further down in this article.

3. Repeat a Previous Command

If you need to recall a previous command, either to repeat it or modify it, all you have to do is press the **Up Arrow** key. Keep pressing it to cycle commands, starting with the most recent.

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This is functionally the same as pressing F8 except for one difference: Up Arrow places your cursor at the *end* of the command while F8 places your cursor at the *start* of the command.

4. Run Multiple Commands at Once

Suppose you need to run a dozen commands in sequence but each command is a time-intensive task. You don't want to sit at your computer and wait for each one to finish just so you can type in the next command, do you?

Instead, chain multiple commands together using `&&`:

```
cd C: && echo I'm here!
```

The commands are run in the order you entered them, starting from the left and moving to the right, and commands aren't executed until the previous one finishes.

5. Cancel a Running Command

If you ever type a command and it takes a lot longer to complete than you expect, you can just press **Ctrl + C** to cancel and stop right away. This also comes in handy when you run an always-on program and need to end it.

6. View Command Output, Page by Page

Most Windows commands produce output to the screen, but sometimes they produce a *lot* of output to the screen – so much so that it instantly scrolls off the screen and disappears, even if you try to scroll up! Here's what you can do:



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```
Command Prompt
Directory of C:\Users\Joel\.nuget\packages\MonoGame.Extended\0.5.149\lib
06/29/2016 05:19 PM <DIR> .
06/29/2016 05:19 PM <DIR> ..
04/08/2016 10:54 AM 48,128 MonoGame.Extended.Content.Pipeline.dll
04/08/2016 10:54 AM 149,504 MonoGame.Extended.dll
04/08/2016 10:54 AM 522,752 Newtonsoft.Json.dll
3 File(s) 720,384 bytes

Directory of C:\Users\Joel\.nuget\packages\Otter
07/28/2016 08:07 AM <DIR> .
07/28/2016 08:07 AM <DIR> ..
07/28/2016 08:07 AM <DIR> 0.9.8.926
0 File(s) 0 bytes

Directory of C:\Users\Joel\.nuget\packages\Otter\0.9.8.926
07/28/2016 08:07 AM <DIR> .
-- More --
```

The **more** command displays the output like normal, but it stops when the screen fills. At that point, you can press **Space** to continue the output by another page, or you can press **Enter** to continue the output by a single line.

7. Filter the Output of a Command

If the output of a command is verbose and you need to find a particular line or instance of a word, you can filter the output like so:

```
[command with output] | find "query"
```

```
Command Prompt
C:\Users\Joel>ipconfig | find "Address"
Link-local IPv6 Address . . . . . :
IPv4 Address. . . . . :
IPv6 Address. . . . . :
Link-local IPv6 Address . . . . . :
C:\Users\Joel>
```

For example, suppose you run a diagnostic utility that prints out all of the system errors accumulated over the past year. If you just want to narrow it down to a certain type of error, you could filter the output by querying for it.

The **find** filter applies on a line by line basis, so it'll return all lines that include the query text.

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8. Copy the Output of a Command

Let's say you need help troubleshooting an issue and Mr. Windows Wiz asks you to run a particular command and copy/paste the results to him. With how finicky the Command Prompt can be, simply highlighting and copying can be a pain in the neck. Instead, do this:

```
[command with output] | clip
```

This feeds the command output directly to your clipboard. Now you can just **Ctrl + V** it wherever you want. This will overwrite your clipboard's current contents, so be careful!

9. Save the Output of a Command

If your intention is to save the output of a command to a file, you *could* use the **clip** method above... or you could skip the middle step and send it directly to a file:

```
[command with output] > filename.txt
```

This creates a file named **filename.txt** in the current location of the Command Prompt, then pastes all of the output inside, then saves. If the file already exists, it will overwrite everything. If you want to save it elsewhere, type the full path (e.g. C:\folder\filename.txt).

Don't want to overwrite? You can instead append the output to the end of an existing file:

```
[command with output] >> existingfile.txt
```



If you're working with files in a deeply nested directory and need their full pathnames for a command, you have a few options. You can type them out manually. You can copy the path from the address bar of File Explorer, then type the filename. **Or you can just drag and drop the file right into Command Prompt!**

For some reason, this only works in normal Command Prompts. It does NOT work in elevated Command Prompts (i.e. when the Command Prompt is launched as Admin). Learn more about opening elevated Command Prompts [using the Windows Power](#)

[User Menu.](#)

10 Neglected Windows Superpowers & How to Access Them

With all its nooks and crannies, not even the most die-hard Windows fans have explored all its complex features. We have compiled those hidden Windows tips and tricks we think anyone will appreciate.

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11. View the Structure of Any Folder

If you want to visualize the layout and structure of a folder that has tons of files and subfolders, use the `tree` command. It's extremely simple to use and easy to understand, and it can be customized with parameters to tweak the visualization:

```
CA Command Prompt
└─ org └── eclipse
    └── recommenders
        └── index
            └── 0.0.0-SNAPSHOT
└─ http __ download_eclipse_org_recommenders_models_oxygen_
    └─ org
        └── eclipse
            └── recommenders
                └── index
                    └── 0.0.0-SNAPSHOT
.
.
.
-- More --
```

It shows the structure of the *current* folder, but you can view the structure of *another* folder by typing its full path as a parameter. By



For massive folders, you may want to output to a file for easier viewing.

12. Autocomplete File and Folder Names

For times when you *need* to type out full path names by hand, the **Tab** key will save you so much time. As you're typing the path name, Tab will autocomplete to the closest matching folder or file. If multiple matches exist, keep pressing Tab to cycle through them.

For example, if I type **C:\Us** and then press **Tab**, it turns into **C:\Users**. I can continue typing until it becomes **C:\Users\J**, then press **Tab** to turn it into **C:\Users\Joel**.

It's particularly useful when you're in a folder and have a sense of what the next folder is called, but don't know it fully. Just enter the first few letters and hit Tab. Easy!

13. Change the Window Size

Don't like the size of the Command Prompt window? You can change it in the settings, but why go there when you can do it right from the command line?



For example, if you want the Command Prompt to be 120 characters wide and 40 characters tall, just type **mode 120,40** and it will instantly resize. Note that this wipes all of the text so don't do it if you have output you still need.

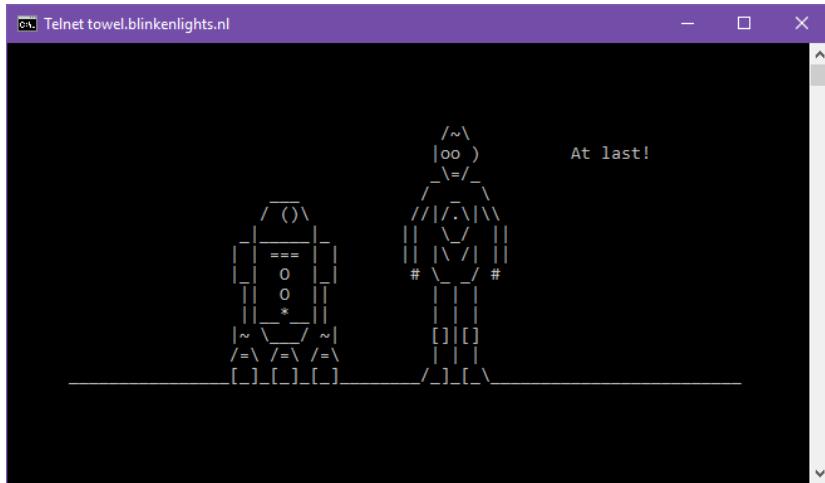
14. Switch to Fullscreen Mode

If you have a lot of Command Prompt-only work to do and want to turn it into a distraction-free space, or if you just want to emulate the feel of old-school terminals, you can maximize it with a single keyboard combination: **Alt + Enter**.

15. Watch Command Prompt Star Wars



watch the entirety of **Star Wars** Episode IV right within Command Prompt. The catch? Everything is drawn using ASCII characters!



In Windows 10, you'll have to enable Telnet because the **telnet** command is available in Command Prompt. To enable Telnet in Windows 10:

- 1 In the Start Menu, search for **turn windows**, then select **Turn Windows features on or off** in the results.
- 2 Scroll down to **Telnet Client** and enable the checkbox.
- 3 Click **OK**.

Now in Command Prompt, type this:

```
telnet towel.blinkenlights.nl
```

That's it! Sit back and enjoy command prompt **Star Wars**.

More Command Prompt Tricks Worth Knowing

To really get comfortable with the command line, you should know these **essential Command Prompt commands**. Is that too much to digest? Start with the **most important Command Prompt commands** instead, then work your way up afterward.

**SHOULD KNOW**

The bleak interface of the command prompt is your gateway to advanced Windows tools. We show you essential CMD commands that will let you access them.

[READ MORE](#)

You should also get acquainted with these **tips for mastering the Command Prompt**. And if you aren't really sure *why* you need the command line at all, here are some **common tasks made easier by the Command Prompt**.

What do you use the Command Prompt for? What are your favorite Command Prompt tricks? Let us know down in the comments below!

Image Credit: ARTIST/[Depositphotos](#)

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The Best Windows 10 Apps

By **Dan Price** / December 18, 2017 18-12-2017 / 19 minutes



Dan Price
702 articles

Dan is a British expat living in Mexico. He is currently the Social Editor for MakeUseOf. He was formerly the Creative Editor and Finance Editor. Prior to his writing career, he was a Financial Consultant. He holds various certifications from the University of Leeds, the University of Cambridge, and the...

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Desktop apps are now available in the Windows Store, but it doesn't mean the oft-maligned **Universal apps** are dead.

Are You Confused by the Windows App Terminology?

Did you ever wonder what's the difference between an application, program, or software? Or whether that Windows app is metro, modern, universal, or plain straight? You're not alone. Let us clear things up!

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In fact, they are better than ever. Their design and usability is unrecognizable from a couple of years ago, Microsoft has largely got the problem of **fake and imposter apps** under control, and the selection of apps is the most diverse it's ever been.

Yes, some universal apps in the Windows Store are still poor imitations of their **desktop cousins**. However, it doesn't mean that you can't find some really useful, high-quality apps – you just need to know where to look.

Here, we've rounded up some of the best **Windows 10** apps. Make sure you let us know what we missed!

In this article: [Cloud Storage](#) | [News and Sport](#) | [Food and Drink](#) |
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Last updated: June 2017



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Cloud Storage

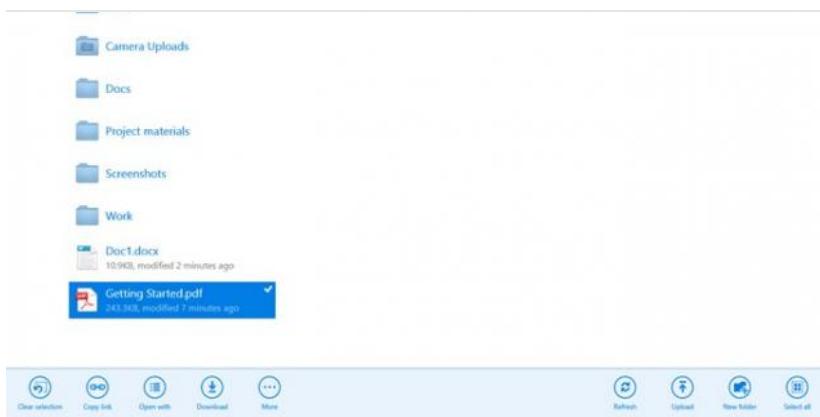
Dropbox, Box, and OneDrive all naturally have apps for Windows 10, enabling you to access your cloud-stored data using the Modern interface.

Box

The screenshot shows the Box app's interface. On the left, there's a sidebar with a list of company names: Additional Documentation, Affiliate XYZ, Akamai, Apptio, Arisaka, Big Company, Bio Nomics, Contract Workflow, Customer ABC, Demo Corp, Diagio Project, Dom Grillo, Dundee Mifflin, Edward Stance, ESPN, Event Template Docs, Esperian, and File Demo. The main area has two sections: 'Portfolio Companies' and 'File Transfers'. The 'Portfolio Companies' section displays various files like Analyst Relations, Events, Field Events, June Launch, Lead Generation Resources, Marketing Material, Product Marketing, Salesforce Integration, and several Discussion documents. The 'File Transfers' section shows a transfer from 'OpsReviews.xlsx' to 'Data' with a progress bar at 100.00%.

Offering 5 GB of free storage, Box is a popular cloud storage solution among home and business consumers alike.

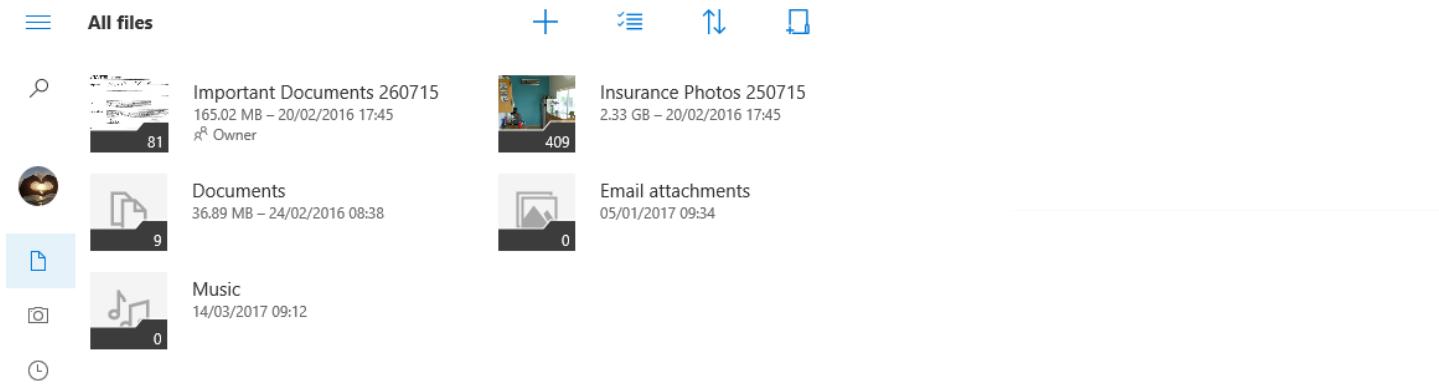
Dropbox



There is room for improvement in the Dropbox Windows app, but it is functional and allows you to open, edit save, and share your data with contacts. Although it doesn't use the Dropbox folder on your PC (for instance if you are also using the desktop version), it does make your files available quickly.

OneDrive

OneDrive is Microsoft's flagship cloud storage service. For people who don't want to deal with the somewhat fiddly desktop folder, the app is a great alternative.



News and Sport

With so much going on in the world, it's vital to stay abreast of current events. And if the daily news ever becomes too much to handle, at least you check the latest happenings at your favorite sports team!

News 360

News 360 is a **news aggregator**. It pulls stories from multiple sources to give you a live feed of things you're interested in.

Security

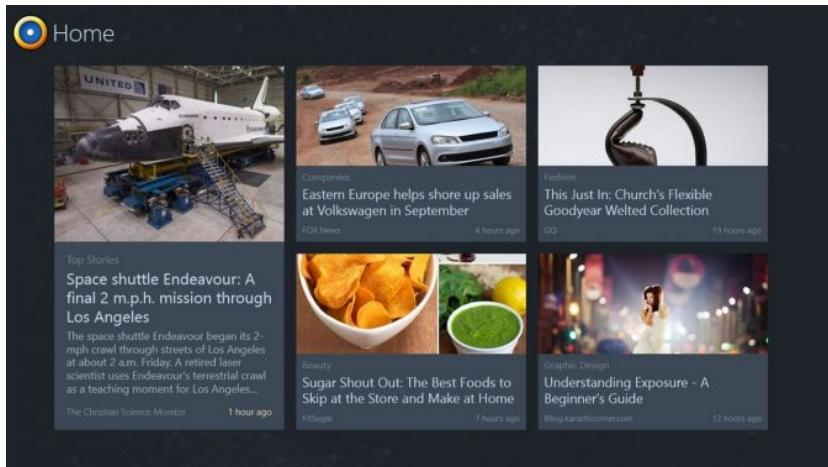
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While Google News is convenient and easy to use, there are other ways to get your mainstream, niche, or even personalized news, delivered to you on your desktop or on the go.

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The more you use the app, the better it gets. It will learn which subjects and topics you like the most and tailor your feed accordingly. If you give it permission, it can even use data from your Facebook and Twitter account to help it improve.

Google News Viewer

Google News Viewer is not an official Google product, but don't let that put you off. It looks beautiful and makes reading your news a breeze.

Latest Deals



When you look at which operating system powers most smartphones and tablets, it's Google's Android which comes out on top. Apple's iOS is a distant second in both cases, while Microsoft's Windows and Windows Phone are in even weaker positions.

Apple buys FaceShift, a motion capture company



Facebook's technology will appear in the new Star Wars, but could also have enterprise or augmented reality applications. faceShift. Comments. [Read more...]

[@cjnewman](#) Macworld, Nov 23, 2015 7:41 AM

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units shipped to stores) 10.2 million units as of November 22. That's a considerable amount of consoles; for comparison, that's...

concerns flying around a distant star. Like Us on Facebook. According to The Independent, previous observations pointed out strange light patterns...

entertained for, oh, at least six seconds. Vine, Twitter's six-second looping video app, updated its iOS app on Tuesday with support for...

Google's Plan To Accelerate The Mobile Web Will Go Live Early Next Year



Google has plans to accelerate your web browsing on mobile devices, and we'll start seeing the results of those efforts in early 2016, the company says. According to a new update regarding Google's "ARM" project - or the "Accelerated Mobile..."

Now Another U.K. Carrier Is Eyeing Mobile Ad Controls



U.K. carrier O2 is the latest tech firm to throw its hat into the ad-blocking ring, telling Business Insider it's actively testing a technology that can block mobile ads at the network level. "We are absolutely looking at framework level ad blocking..."

Hypergiant Star's Weight Loss Secrets Revealed (Video)



A new view of one of the largest known stars in the Milky Way gives us skinny on how giant stars quickly lose mass near their ends as they live, preparing for huge supernova explosions. Massive stars that are closer to the end expand dramatically into...

Let's be honest, the Google News website looks like it's still stuck in the 2000s, so this app is a significant step up.

Newsstand

Newsstand is the third news aggregator on the list but it offers a couple of features that warrant its inclusion.

Bookmarks by date ▾

 BBC News What do Kurds make of Turkey-PKK fighting? - BBC News	 Bloomberg Bloomberg Business
 BBC News Turkey attacks: Deadly violence in Istanbul and Sinnak - BBC News	 Reuters Grim China data keeps stimulus hopes alive Reuters
 MSNBC GOP candidates attend RedState Gathering MSNBC	 USA Today USA TODAY: Latest World and US News - USATODAY.com
 Buzz Feed This Photo Shows There's Still Some Heart Left In Politics - BuzzFeed News	 CNN What's wrong with Rafael Nadal? Can he end his slump? - CNN.com
 Buzz Feed 23 Deceptively Easy Dinners That'll Make You Look Like You've Got Your Shit Together	 Forbes The Housing Lesson Within The Ugly Plunge In Apple Shares - Forbes
 The Telegraph Boots, Tesco and Superdrug to get access to NHS medical records - Telegraph	 ZDNet Google to launch \$50 handset after early Android One disappointments ZDNet
 Forbes China Crippling Its Online Financial Industry - Forbes	 CNN N. Korea: Student Won-moon Joo 'wanted to be arrested' - CNN.com

Firstly, you can add any site into the app using the **Additions** form. Secondly, you can create a **Favorites** list of your preferred sources, and finally, it has a built-in list of the most popular sites for easy navigation.

Newsflow

Newsflow is an RSS reader which is designed with the news in mind. Its key features are breaking news notifications, pinnable live titles for specific topics or sources, and searchable keywords.



The screenshot shows a news reader interface with a sidebar containing links to 'Read later', 'News', 'Hi tech', 'Lifestyle', 'Windows Central', 'Lifehacker', and 'FOXNews.com'. The main area displays a feed titled '#keyword' with five news items:

- [Windows Phone is the family of mobile operating systems that Microsoft developed for its smartphones which was first...](http://www.windowscentral.com/windows-phone-is-family-mobile-operating-systems-microsoft-developed-first)
- [1 day ago ... The center of the Windows Universe - featuring news, reviews, help & tips, buyer guides, forums and...](http://www.windowscentral.com/windows-universe-featuring-news-reviews-help-tips-buyer-guides-forums-and...)
- [Posts must have Windows phone as the central subject; Duplicate posts will be removed \(search before you...](https://www.reddit.com/r/windowsphone)
- [Jan 23, 2018 ... Windows Phone started off life as a promising alternative to Android and iOS five years ago. Microsoft...](http://www.thewindowsclub.com/windows-phone-started-life-promising-alternative-android-ios-five-yearsago)
- [As of November 8, 2014, we are Microsoft Lumia. For the newest video, please visit <http://youtube.com/user...>](https://www.youtube.com/user/)

Below the feed, there are 'Sources' and 'Settings' buttons.

It can also play YouTube videos and GIFs in-app, thus making it a one-stop shop for all your news needs.

MSN Sports

MSN Sports is the default Microsoft sports app. It comes pre-installed on your system, but if you deleted it years ago then forgot all about it, you should give it a second chance.

The screenshot shows the MSN Sports app interface. On the left is a sidebar with icons for Today, News, Match Centre, Slideshows, and other navigation options. The main screen displays two news articles:

- Transfer updates: Liverpool and Man Utd set to go to war over £50m striker** | Photos
- Tiote dies aged 30 after former Newcastle Utd star collapses at training**

At the bottom, there's a summary for Liverpool: **Liverpool**, 4th in English Premier League, (22-6-10). A small image of a hand holding a green electronic device is also visible.

You can add teams and leagues, read the latest stories across hundreds of sports from countless services, and even enable notifications for live scores and breaking news. If you're especially interested in sports from a certain country, you can change the region within the app.

Eurosport

Eurosport publishes more than 150 articles a day on a wide variety of sports. Whether you want news or long-form featured content, you will find it in this app.



There's also a huge amount of video content, so if you prefer to watch rather than read, this is a must-have.

Food and Drink

Cooking isn't for everyone, but if you have an interest in getting to grips with one of life's most vital skills, having a computer on hand is particularly useful. Touchscreen devices like Windows tablets are of considerable use in the kitchen, along with these apps.

Allrecipes

With more than 30 million users, Allrecipes is the best community-source collections of recipes anywhere on the web.

The app prompts you to find ideas in several ways. For example, you can search based on what's in your fridge, what time of year it is, and which recipes have been saved and used most frequently.

Recipe+ Nutrition Profiler (\$7.99)



The screenshot shows a nutrition information interface. At the top, there's a table of food items with their nutritional values. Below this is a detailed breakdown for a specific recipe, including serving sizes, water lost by cooking, and a nutritional summary. The summary includes values for protein, fats, carbohydrates, sugars, sodium, fiber, cholesterol, and energy. At the bottom, there are buttons for saving and canceling.

	1 oz	0	28.3	4.3	0	0	0	1048.9		
Oil, olive, pure	1 oz	0.2	0.1	0	4.2	1.5	0.6	0.2	0	56.1
Lemon juice, raw	60 mL	0	0	0	0	0	0	0	0	3875.8
Salt, table	10 g	0	0	0	0	0	1	1.3	0	52.5
Spices, pepper, black	5 g	0.5	0.2	0.1	3.2	0	1	1.3	0	105.2
Garlic, peeled, raw	20 g	1.2	0.6	0.1	2	0.3	1.6	0	0	91.5
Chili (chili), green, raw	50 g	1.4	0.2	0.1	0.5	0.5	2	0	0	1340
Onions, sweet, raw	1000 g	8	0.9	0	75.5	50.2	80	9	0	10035
Total (240mL), cubes = 5.3oz(150g) (or) Total(240mL), pureed = 8.1oz(230g)		6.3	0.9	0	56	3.3	0	151	0	13759.5
Avocados, raw, all commercial varieties	1500 g	30	219.9	31.9	127.9	9.9	105	100.5	0	10035

Chop onion, chili, garlic finely mix everything just before serving.

Water lost by cooking 0 g
Serving size 15 g
Recipe Source Nutrients Restaurant

Nutrition Information:
 Protein: 53.1g, Fats: 252.9g, Saturated: 36.9g, Carbs: 258.7g, Sugars: 89.6g, Sodium: 4172mg, Fibre: 126.3g, Cholesterol: 0mg, Energy: 13759.5kcal

Designed to display nutrition information for existing recipes or ones you create. It works offline and features a database of over 12,000 food types. It is a great way to find out just what foods in your diet are healthy and where you can make improvements.

You may also be interested in [Go Veggie \(\\$6.99\)](#), [Cook with YumvY](#).

Games

The Windows Store is packed full of games. Some of them are great fun and keep you engaged for hours, some of them will quickly have you searching for the delete button.

Either way, very few of these are available as standalone desktop apps – the only way to play them is to download the universal app version.

Halo: Spartan Assault (\$2.99)



An awesome top-down spin-off of the popular Xbox 360 game, this is an unusually strong title for touch devices and unmissable if you own a [Windows 10](#) device. An excellent companion to the main



Windows 8 Gaming Hits Second Gear With Halo: Spartan Assault

One of the greatest video game franchises, Halo has been shy of Windows PC since Halo 2 was released in 2004. Halo: Spartan Assault for Windows 8 changes all of that – but is it...

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Medieval Apocalypse



This hack'n'slash RPG takes you into an apocalyptic medieval world where you play a knight completing quests to defeat zombies and collect gold. Yes, that's right – a zombie/knight hack'n'slash with fast, frantic gameplay. Oh, and it's free too, which really seals the deal.

Fairway Solitaire

Two of the most relaxing pastimes meet each other in this game as you play a hand of solitaire, while simultaneously making your way around a golf course. You need to try and achieve a score of par or less to advance to the next levels (aka, holes).



Image and Photo Editors

Whether you're editing photos or creating a work of digital art from scratch, **Windows 10** has on offer several great tools, free and paid, to help you achieve your finished piece.

Fotor

Fotor is an all-in-one photo editor. It's a worthy replacement if you don't like Adobe Photoshop.



Alongside basic editing tools, it also offers visual effects, quick enhance, **RAW file** conversion, and even a collage creator. Furthermore, it's recently been upgraded has now has improved support for EXIF data.

RAW Files: Why You Should Be Using Them for Your Photos

Almost every article featuring advice for people just learning photography stresses one thing: shoot RAW images. Here's why that's good advice.

[READ MORE](#)



Not everyone needs the expensive **full-featured version of Photoshop**, but there are lots of times you'll need something more powerful than MS Paint.

A great option is Adobe Photoshop Express. It's designed to be an on-the-go photo editor. Features include basic alterations like crop, straighten, rotate, and flip, one-touch adjustments for brightness, exposure, and shadows, and slider controls for exposure, contrast, clarity, and vibrance.



If you have an Adobe ID, you can download additional plugins.

Phototoroom



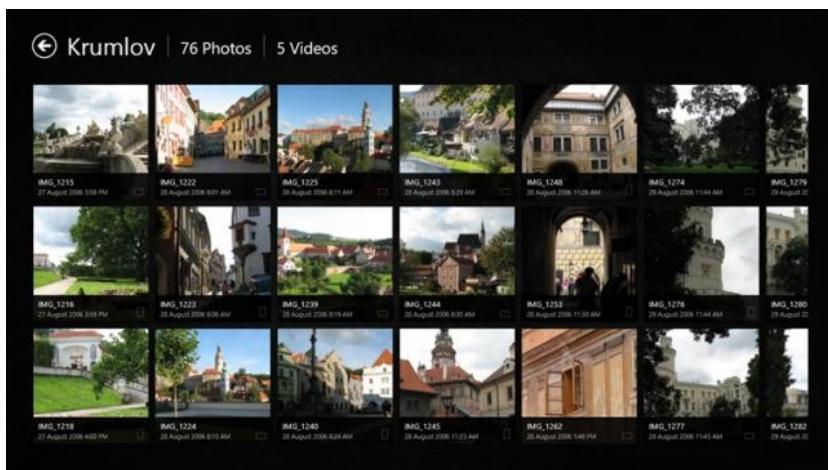
Excellent photo app migrated from Windows Phone, with a collection of basic editing tools and over 70 styles, frames, filters, and light leaks.

Fresh Paint



Fresh Paint is an easy to use painting/art **Windows 10** app with an easy learning curve. As such it's ideal for kids and adults, all you need is a desire to paint! If you're using a tablet with a stylus, such as the Surface Pro slates, this app suddenly becomes all the more powerful.

Gallery HD

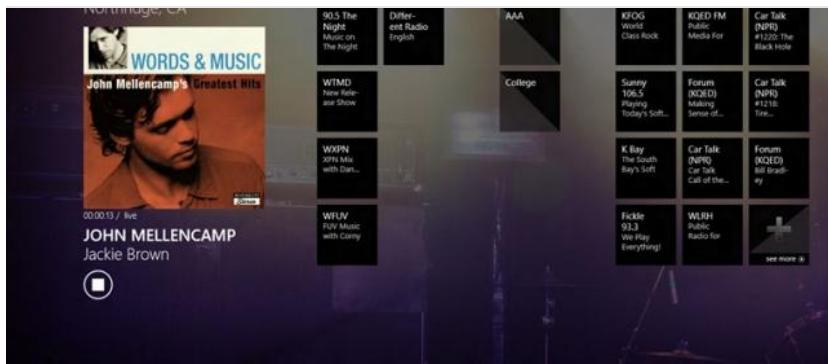


Find photos and videos on your computer, network, or external storage and enjoy them in stunning slideshows with fade and zoom effects. This is a great way to unify your images and view and edit them in a single app in Windows 10's touchscreen interface.

Music Players

Rock out with your Windows 10 computer thanks to this collection of MP3 players and audio streaming apps.

Tuneln Radio



Does it get better than free internet radio? The popular mobile radio streaming app is available as a Windows app. You can listen to almost any channel in the world, saving you the hassle of finding the right stream in your browser.

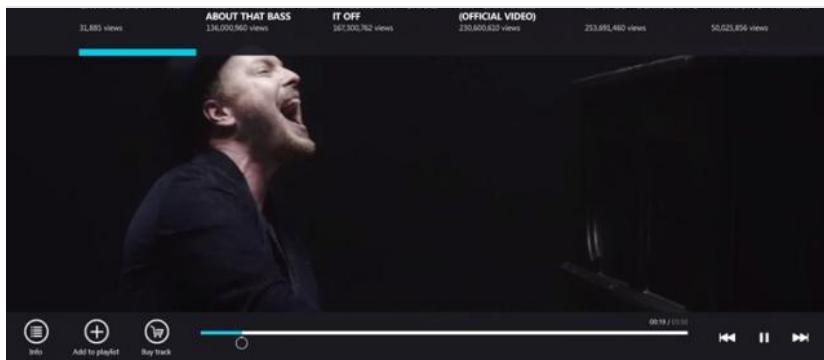
Universal Radio

The Universal Radio app interface includes a sidebar with options like MENU, Donate, Radio browser (200), Add radio station, Edit my radios (1), My profile, Settings, and Forum. The main screen features a navigation bar with 'YOUR MUSIC', 'YOUR GENRE', and 'YOUR CHOICE' buttons, and genre filters for ROCK, POP, JAZZ, CLASSICAL, OLDEST, and HITS. Below this is a search bar with 'Welcome deejay'. The main content area displays a grid of radio station cards, each with a thumbnail, station name, genre, and listenership count. Examples include SkyRadio (Pop, Netherlands, 823 listeners), Radio 538 (Pop, Netherlands, 742 listeners), Radio PROS (Oldest, Belgium, 623 listeners), Radio 10 (Oldest, Netherlands, 526 listeners), Deejay Radio (Rock, Germany, 490 listeners), RTV N-H (Regional, Netherlands, 404 listeners), Heart Radio (Pop, United Kingdom, 340 listeners), Arrow Classic Rock (Rock, Netherlands, 331 listeners), and Puur NL (Rock, Dutch, 330 listeners).

If Tuneln Radio doesn't suit your usage needs, check out Universal Radio. The user-driven app offers 5,550 radio stations, and more are coming online every day.

The app is also available for Android and it supports Google Chromecast.

VEVO



This app provides access to the amazing free VEVO service, where videos, live concerts, and new artists await! You might need to pay for some popular live events.

Musixmatch

First and foremost, Musixmatch is a **song identifier**. Like Soundhound and Shazam, you let the app listen to a snippet of a track on the TV or radio and it will search its huge database for a match.

5 Android Music Recognition Apps Compared: Which Got the Most Songs Right?

We tested five music identification apps so that you don't have to. Which came out on top?

[READ MORE](#)

Roar

by Katy Perry >



Lyrics

I used to bite my tongue and hold my breath Scared to rock the boat and make a mess So I sat quietly Agreed politely	Louder, louder than a lion 'Cause I am a champion And you're gonna hear me roar You're gonna hear me roar	'Cause I am a champion And you're gonna hear me roar You're gonna hear me roar
I guess that I forgot I had a choice I let you push me past the breaking point I stood for nothing So I fell for everything	Now I'm floating like a butterfly Stinging like a bee I earned my stripes I went from zero, to my own hero	I got the eye of the tiger, a fighter, dancing through the fire 'Cause I am a champion And you're gonna hear me ROAR
You held me down, but I got up Already brushing off the dust You hear my voice, You hear that sound Like the roar of a lion, like the ground	You held me down, but I got up Already brushing off the dust You hear my voice, You hear that sound Like the roar of a lion, like the ground	You held me down, but I got up Get ready 'cause I've had enough I see it all, I see it now
I've got the eye of the tiger, a fighter Dancing through the fire 'Cause I am a champion And you're gonna hear me roar	I've got the eye of the tiger, a fighter Dancing through the fire 'Cause I am a champion And you're gonna hear me roar	I've got the eye of the tiger, a fighter Dancing through the fire 'Cause I am a champion And you're gonna hear me roar

Writer(s): Katy Perry
Copyright: When I'M Rich You/Li Be My Bitch.
W/B Music Corp.

Feedback

Play Now

Add to Play

Buy



It also doubles as a music player; import your library and Musixmatch can add lyrics, album artwork, and other important metadata.



Like any computer platform, **Windows 10 is designed for productivity** as well as entertainment. It's not all about cooking, either, with tools for note-taking, remote desktop and more.

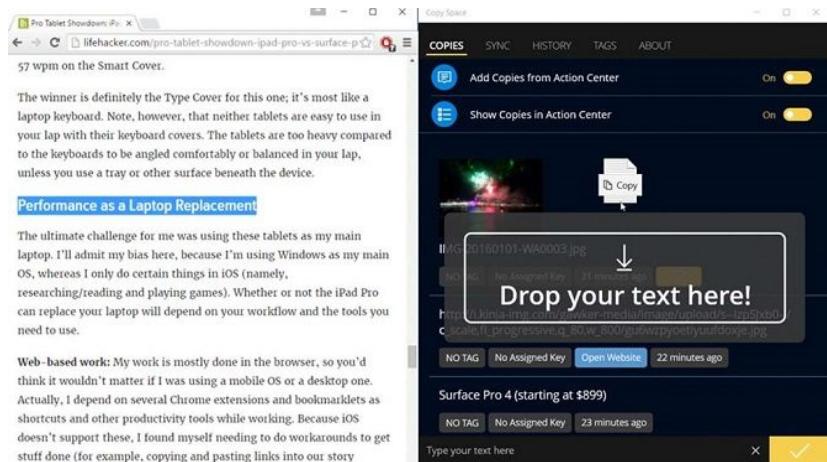
The 5 Best Productivity Features in the Creators Update

The **Windows 10** Creators Update comes packed with new features and apps. We show you which new Windows 10 features can make you more productive.

[READ MORE](#)

Copy Space

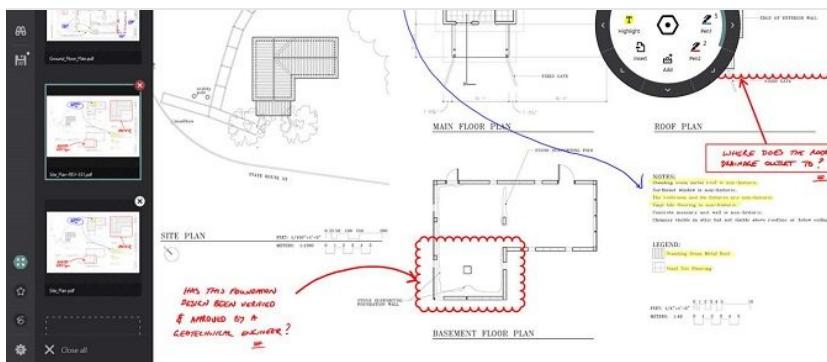
Copying and pasting are incredibly useful and simple. If you have to move a lot of content, however, constantly bouncing back and forth between apps can quickly become frustrating.



Try using Copy Space instead. It's a universal clipboard that can store several items at once. All your copies are sorted into categories, and it can sync between all your devices.

Drawboard PDF (\$8)

One of the PDF's biggest annoyances is the lack of editing options. Although Drawboard PDF doesn't let you edit text, you can draw all over PDF files to annotate them. The aim is to reduce the number of times you will need to print a sheet to make notes on it.



It also includes some other useful tools, including the ability to merge and reorder documents, measure lengths and angles, and overlay grids and other templates.

Xodo PDF Reader and Editor

The free Xodo PDF Reader and Editor is an impressively full-featured PDF app. You can write on documents, annotate in real-time with other users, and make notes on blank documents so you can print them later. There is even a night mode so you can work at night without straining your eyes.

7 Ways to Reduce Screen Time and Rest Your Eyes

Staying healthy includes caring for the eyes. Vision related health problems are a real lifestyle ailment and our digital habits are promoting. The cure lies in thoughtful use of the screen.

[READ MORE](#)



Translator

Yes, Google Translate is still the market leader in the **world of translation apps**. Sadly, it doesn't have a Windows Store app.

3 Best Translation Tools Based on Google Translate

[READ MORE](#)

If you interact a lot with other languages – perhaps because of your news interests, cultural interests, or work requirements – it can quickly become frustrating to keep jumping between the documents you're working on and the Google Translate website.



The translation quality of Bing Translator is just as good as Google Translate, it works offline, and it'll sit happily in your taskbar for easy access.

OneNote

 A screenshot of the Microsoft OneNote application. On the left, there's a sidebar with a "Family Tree" section titled "Stangoe-Cawley". Below it, there are buttons for "Section" and "Page". The main area shows a "Donald Stangoe" note card. The card contains the following information:

Donald Stangoe
06 September 2014 19:50

Your maternal grandfather
Birth 9 Aug 1919 in Whitby, Yorkshire
Death 29 Nov 1996 in Stead Memor

From <<http://trees.ancestry.co.uk/tree/237>>



unique finger-friendly menu. It features OneDrive syncing, enabling you to instantly see your notes on other devices. Note that **EverNote Touch** is also available if you prefer that notebook syncing service.

Money Lover – Money Manager

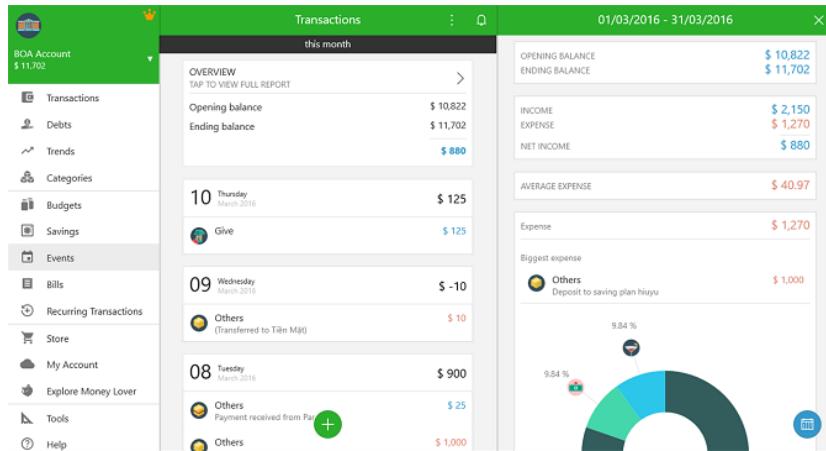
There are lots of family **budgeting desktop apps** trying to grab your attention, and even more web apps. If you're feeling adventurous, you could even try making your own **budgeting spreadsheet in Excel**.

QuickBooks Online: Reputable and Easy Cloud Accounting so You Can Focus on Your Business

QuickBooks has an established reputation for being the primary, all-inclusive accounting and finance management service for businesses of all sizes.

[READ MORE](#)

Or, you could consider Money Lover – Money Manager.



You can track your money across long time periods, it comes with a financial calendar that'll send you alerts and notifications, it includes lots of useful (and free) graphs and charts, and it works in multiple currencies.

Code Writer

Are you looking for a fast and easy-to-use **code editor app**? Code Writer has you covered.



Windows Notepad is too simple, but Microsoft Office is overkill? If you're looking for a Notepad replacement, here are the leading alternatives. One will be perfect for you.

[READ MORE](#)

It's been around since the early days of Windows 8 and has built a loyal following of fans. It comes with active syntax highlighting, supports more than 20 file types, and has a live tile that displays both the names and save states of your open documents.



```

1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
2 <html>
3   <head><link rel="stylesheet" type="text/css" href="description/Combined.css" /><SearchBox>,<ImageSprite>/Areas/Epx/Themes/Metro/Content:0&amp;#038;<link rel="stylesheet" type="text/css" href="description/dba408a2-d1c4-4159-af59-5aa4abd59cb0Combined.css" /><ImageSprite>/Areas/Epx/Themes/Metro/Content:0&amp;#038;<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
4   <title>File picker sample</title>
5   <link href="description/Colorless.css" type="text/css" rel="stylesheet" /><link href="description/Layout.css" type="text/css" rel="stylesheet" />
6   <link href="description/OfflineDescription.css" type="text/css" rel="stylesheet" /><script src="description/Offline.js" type="text/javascript"></script>
7   <style type="text/css">
8     #projectInfo {
9       overflow: auto;
10    }
11    #longDesc {
12      clear: both;
13      margin: 25px 0 10px 0;
14    }
15    #SampleIndexList{
16      margin-left: 15px;
17    }
18  </style>
19 </head>
20 <body>
21   <div id="offlineDescription">
22     <h1>File picker sample</h1>
23     <br/>
24     <div id="projectInfo">
25       <div class="section">
26         <div class="itemBarLong tagsContainer">
27           <label for="Technologies">Technologies:</label>
28           <div id="Technologies">
29             Windows Runtime
30           </div>
31         </div>
32         <div class="itemBarLong tagContainerP">
33           <label for="GeneralServices">General Services:</label>
34       </div>
35     </div>
36   </div>
37 </body>
38 </html>
39 Col 1

```

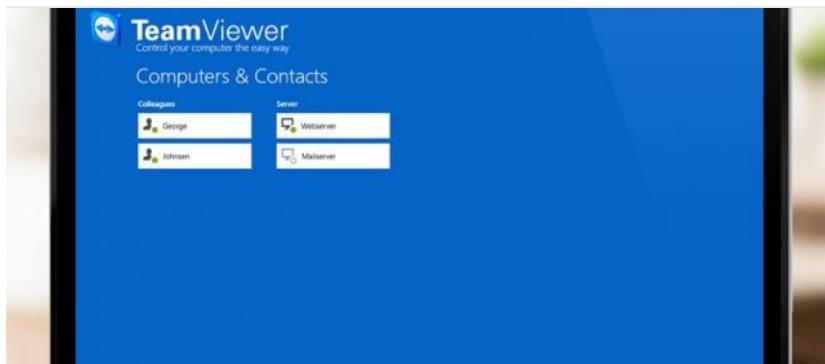
Interestingly, it also supports several **cloud storage services**, so you can take your project with you wherever you go.

Check Out These 4 Discounted Cloud Storage and Backup Services

Make sure you never lose your files to a devastating PC implosion again. Today, we're featuring 4 deals on Cloud storage and backup solutions that'll keep your files safe and secure!

[READ MORE](#)

TeamViewer Touch



TeamViewer lets you set up a connection to another computer in seconds, regardless of operating system. Connections are secure and no configuration is required for firewalls and proxies. If you regularly have to access other computers for support or collaboration, TeamViewer Touch should be your number one choice.

Reading

Whether you're using a tablet computer, a desktop, laptop, or hybrid, reading apps are vital to digesting information from the latest bestsellers to reports in PDF format.

Overdrive

Overdrive has a global network of more than 34,000 libraries which you can use to borrow eBooks, audiobooks, and videos.



Anything you borrow will automatically sync across all your devices and the library is open 24/7. The app also doubles as an eReader, so you can do your borrowing and reading through the same interface.

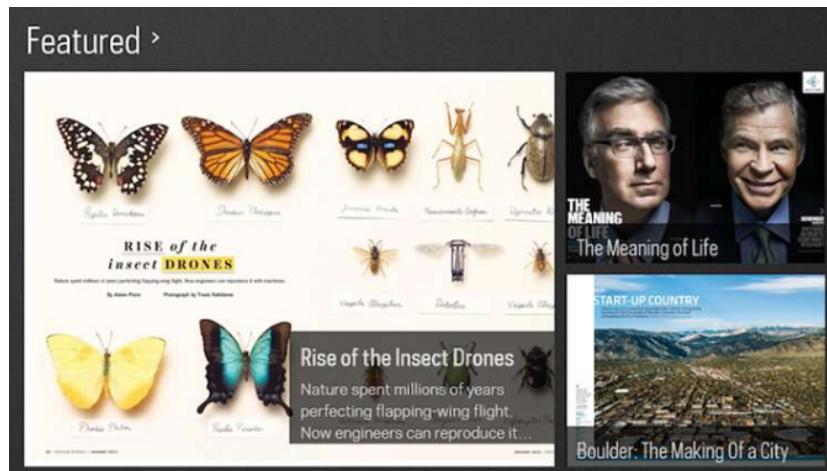
Best of all titles are automatically returned at the end of their loan period – you'll never have to pay a late fee again!

(Note: You need to be a member of your local library to access the app)



While Overdrive mainly focuses on books, Zinio is geared towards magazines.

You will find some of the world's most well-known titles, including The Economist, New Scientist, Rolling Stone, GQ, and Vogue. Titles are split into nine main categories: News, Sports, Tech, Lifestyle, Women, Men, Science, International, and Arts.



Like Overdrive, if you're a member of a library, you can rent the titles for free.

Book Bazar Reader

Why do you need to pay for eBooks when apps like Book Bazar Reader are out there? It scrapes lots of sources of free publications (including Gutenberg, Flibusta, FeedBooks, FreeBooks, and ManyBooks), then presents all the results to you in one easy-to-use interface.



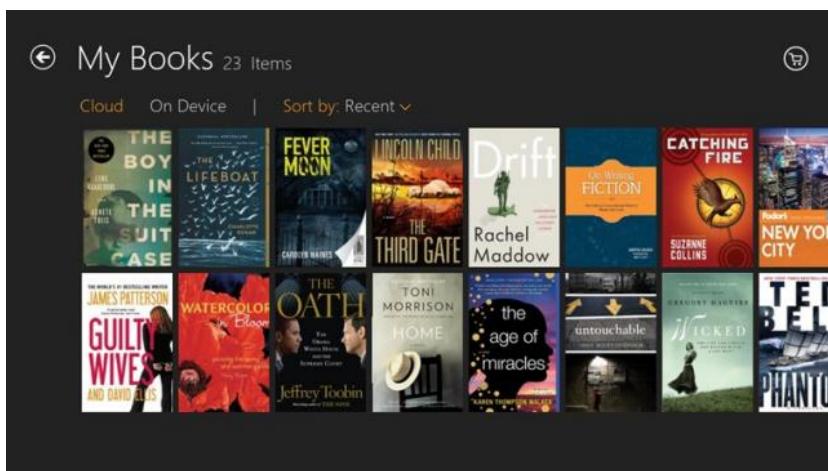


Freda



If you don't like the interface of Bazar Book Reader, check out Freda. The principle of the app is the same; it gives you 50,000 free titles you can download and read. It supports EPUB, FB2, HTML, and TXT files and you can even import your own DRM-free books to use in the eReader.

Kindle



This app gives you access to over 1 million books on the Kindle Store. All the titles can sync across all your devices. What are you waiting for? Get reading!

Audible



Who's got time to read books these days? Between commuting to work, updating Facebook statuses, and feeding the dog, most of us don't have a spare minute in our days.

That's why **audiobooks have grown in popularity** over the last few years. They let you drive, update Facebook, and feed the dog at the same time, all while still managing to give your brain a fix of quality literature.

This Site Has Thousands of Free Public Domain Audiobooks

Audiobooks can be expensive. Why not relieve some of the pressure on your wallet by listening to these free public domain audiobooks instead?

[READ MORE](#)

The Audible app has all the features you'd expect. They also recently added streaming, so you don't need to download a book to listen to it.

News Live Tiles

The **Microsoft News app** is a nice idea. The app itself is constantly being improved and it's now a good option to consider when you're assessing the **best way to consume your news**.

The Best 5 Amazing News Apps For the iPad

One thing I'm sure I don't have to tell you is that news is changing. Everything from the way information is reported down to the way it's consumed has undergone a change in recent years,...

[READ MORE](#)



Unfortunately, the live tile isn't so useful; it cannot display all the information you care about. The reality is, it's impossible for the app to display all those headlines in such a small box.

News Live Tiles

Search

The screenshot shows a search results page for "Windows Phone". It lists several news sources with their logos and URLs:

- Windows Phone Central - News - Forums ...**
http://www.wpcentral.com/
- WMPoweruser**
http://wmpoweruser.com
- Windows Phone Blog** (selected)
http://blogs.windows.com/windows_phone/b/windowsphone/default.aspx
- Windows Phone Daily | The most original coverage of...**
http://windowsphonedaily.com

Pin

The screenshot shows the pin configuration for the "Windows Phone Blog" tile. It includes fields for:

- Name (appears on live tile): Windows Phone Blog
- Site to open on click live tile: http://blogs.windows.com/windows_phone/b/windowsphone/default.aspx
- RSS feed to get updates from: http://windowsteamblog.com/windows_phone/b/windowsphone/rss.aspx
- Tile background color: White
- Show images if possible: checked
- Open site in fullscreen browser: checked

Below these settings is a preview of the tile icon, a "change image" button, and a "pin to start" button. A note at the bottom states: "Live tile not working? Please click once 'update pinned tiles' from 'Settings' in the Settings charm. Still not working? Fill in the fields above, and [click here to report a broken tile](#).

The solution is to download News Live Tiles. It's a glorified RSS reader that allows you to create feeds for any site you want. The headlines from those sites are then displayed in the live titles. You can have as many tiles as you want.

Nextgen Reader (\$1.99)

The screenshot shows the Nextgen Reader application interface. On the left is a sidebar with a navigation menu and a list of categories with their unread item counts:

- All Items: 249 Unread
- Starred Items
- doctor who: 23
- Big Finish News RSS: 1
- Blogtor Who: 3
- Doctor Who News: 1
- Official Doctor Who Tumblr: 18
- security: 2
- Tech: 224
- Android Central: 6
- Cult of Mac: 4
- Digital Trends: 34
- Gizmodo: 30
- How-To Geek: 6
- Lifehacker: 17

The main area displays a list of unread items from various sources:

- Digital Trends**: Falcon Northwest Mach V (late 2014) review
- Gizmodo**: Incoming Storm Looks Like an Alien Threat Ready to Devour Sydney
- WMPoweruser**: A look at the results of our WMPoweruser.com Reader Survey
- Doctor Who News**: Last week we polled our readers on a wide variety of subjects, and w...
- Mashable**: Remains of one of the 43 kidnapped Mexican students identified
- Gizmodo**: Our Favorite Android, iOS, and Windows Phone Apps of the Week
- Lifehacker**: Don't Use Personal Information in Your Wi-Fi Network Name
- How-To Geek**: How to Edit Your Minecraft World In-Game and On-the-Fly with WorldEdit
- The Verge**: Amazon just entered the food delivery game
- WonderHowTo**: Replace the Boring Apple Boot Screen on Your iPhone with a Custom Animation

Originally designed as a Google Reader Windows 10 app, this tool now offers support for many other RSS feed reading services and has grown beyond its initial purpose into an extremely usable reader, complete with sharing options.

Shopping



purchases, directly from within a dedicated app. Who needs a browser?

Newegg

Are you looking for cheap deals and bargain prices on electronics and tech? You need Newegg. The online-only retailer has 10.5 million products and will deliver to your door. Unfortunately, the app is full-screen only.

The image shows the Newegg mobile app interface. At the top, there's a banner with the text "TAKE IT FROM A GEEK.™". Below it, a "Mobile Exclusive" section highlights a deal for EZVIZ 4 Channel HD 1080p Analog TVI Security System w/ 1TB HDD and 4 Weatherproof 1080p Bullet Cameras. The original price is \$249.99, and it's discounted to \$206.99, with a 17% off badge. To the right, there are three more items: an iRobot Roomba 880 Vacuum Cleaning Robot for \$538.99, a NETGEAR ProSAFE 16-Port Gigabit Web Managed Click Switch (GS116E) for \$116.99, and a Corsair 256GB Survivor USB 3.0 Flash Drive for \$101.48.

eBay

The image shows the eBay mobile app interface. The search bar at the top contains the query "welcome skateboards". The results page displays a grid of various skateboard decks with their prices and "Buy It Now" buttons. Some items include "welcome" or "WELCOME" in their designs. The prices range from \$11.95 to \$88.46.

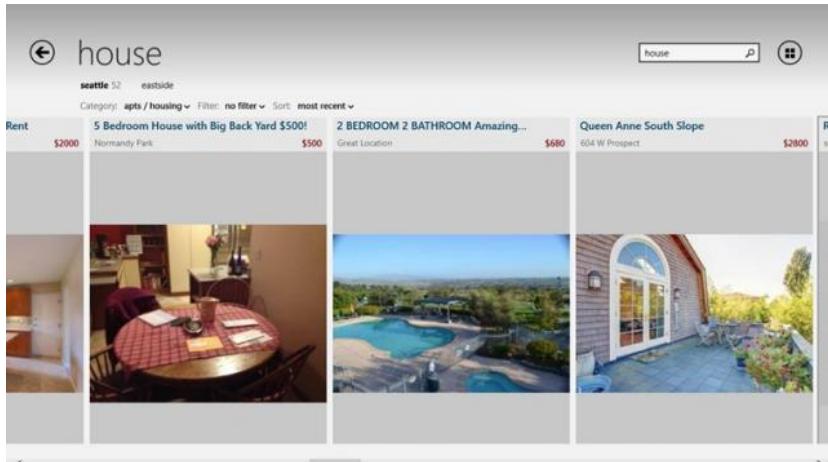
Easily search, bid, buy, and list your own items for sale or auction with the official eBay app for Windows 10. It is very similar to the eBay apps for other platforms and just as easy to use.

Amazon



Using this Amazon Windows 10 app is faster than using the website. Search is fast and processing purchases is efficient – try it!

CPlus for Craigslist



Whether you're looking for something for sale, somewhere to live, or even somewhere to work, this remarkable Windows 10 app lets you win at using Craigslist. Previously known as Craigslist+.

Social Networking and Communication

Do you chat online? Enjoy Facebook and Twitter? Perhaps you socialize on Reddit? Check out these awesome options.

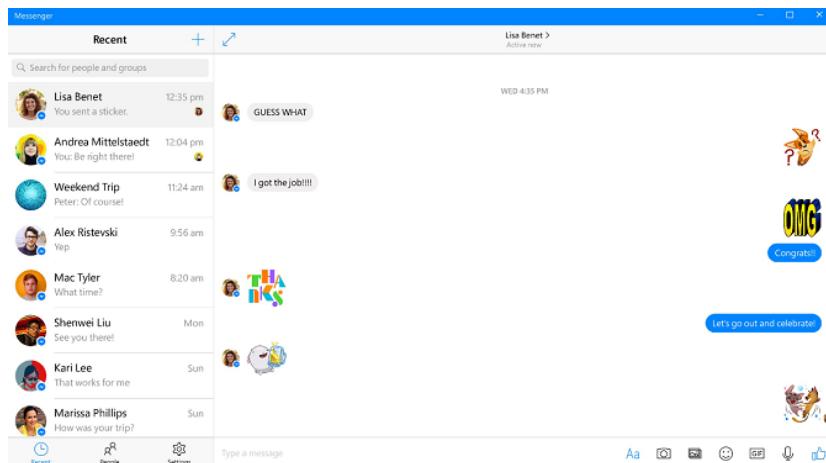
Facebook



This app offers a superior Facebook experience that arguably exceeds the web version of the popular social networking site.

Messenger

Ever since Microsoft made changes to universal apps and allowed them to be operated from the taskbar, they've become a lot more useful. Even then, however, some apps just don't work very well as universal apps. One exception is Facebook Messenger.



If you're the type of person who's always using the service to chat with friends, having a dedicated taskbar icon can be really handy. Unlike the universal Skype app, which is shockingly stripped of features, the Messenger app retains the functionality you're used to from its website counterpart.

Baconit



AskScience John Seiter: Graduate and Professional School AMA
1398 13 days ago by AskScienceModerator
down 600 comments self/askscience

Since mealworms eat styrofoam, can they realistically be used in recycling?
1277 13 hours ago by Jctews
down 218 comments self/askscience

If a solid sheet of a metal were only an atom thick, would we be able to see through it?
3412 1 day ago by k0mplex
down 372 comments self/askscience

What does the electron flow look like for a radio antenna?
45 2 hours ago by 55555
down 14 comments self/askscience

How is glass made, which is a mirror from one side, and a window from the other?
37 5 hours ago by YayaSwD
down 9 comments self/askscience

Is the Montreal plan to dump sewage into the St-
LAWRENCE RIVER realistic?
10 5 hours ago by jaydawg
down 10 comments self/askscience

physics: the applied alternating voltage causes electrons to slosh back and forth through the antenna, which gives rise to an [oscillating electric dipole](#). This oscillating dipole then modulates the electric field both locally (in the so-called near field), but also [far away](#). In what is called the [far field](#), specifically, when you accelerate electrons, this [makes them radiate electromagnetic radiation](#) into the far field. This far field radiation is the radio wave that is emitted by the antenna, in a pattern best seen [here](#).

up down reply share collapse

55555 4 2 hours ago
I guess my question then is what distinguishes an antenna from any wire/resistor with AC current flowing through it?
up down reply share collapse

Comrata 4 2 hours ago
Deep down that's all an antenna is: a chunk of metal through which you can apply an alternating bias. Really the only two key properties you need is 1) a sufficiently high free electron density to couple into the so-called antenna resonance (which produces the radiation) and 2) the right size so that the antenna is resonant with EM radiation in the wavelength range of interest.
up down reply share collapse

Duckettorama 1 2 hours ago
I never realized antennas radiate. I always thought that they passively receive. U/55555 raises an interesting question, if it's true any wire with AC passing through it is an antenna, is it possible to use the millions of miles of power lines as the world's largest antenna? Just tap into them anywhere along them and pick up signals from all of them.
up down reply share collapse

MifredMouse 2 1 hour ago
Radiation works the same forwards and backwards. So good radiators are good receivers (at whatever specific frequency/direction is being used).
up down reply share collapse

Baconit is the highest rated Reddit app in the store. It offers everything you'd expect from a Reddit app, including comment flairs, support for multiple user accounts, and extensive search parameters.

The app has also recently been given a design overhaul and now looks better than ever.

Twitter



Limited compared to some of the alternatives, Twitter nevertheless offers everything you would expect as well as the **Discover** tool to find trends and follow suggestions.

Tweeten

Twitter power users will be well aware of TweetDeck. It's the only reliable web app for **managing multiple Twitter accounts** from one place.

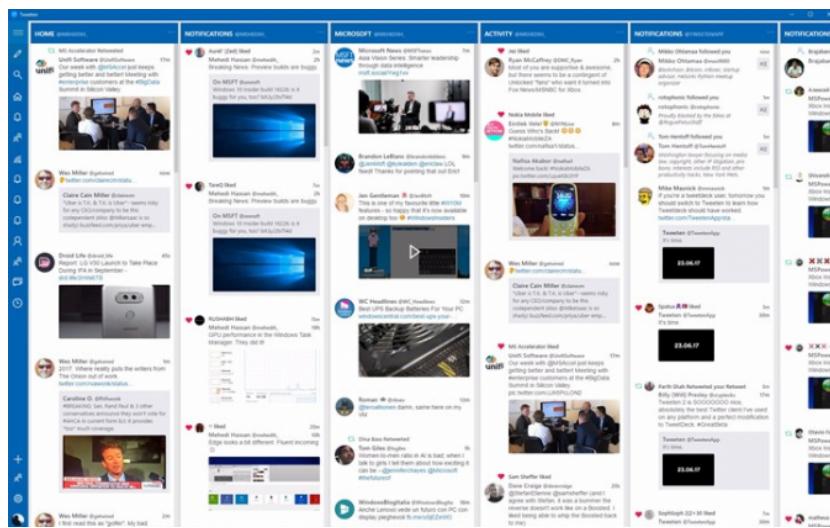


Twitter Account

If you share a Twitter account with others, perhaps managing a brand or just running a cool creative handle, then Tweetdeck just got a whole lot better. Say hello to the new Tweetdeck Teams.

[READ MORE](#)

In terms of functionality, Tweeter is almost identical – but it's designed specifically for Windows 10. It supports lists, notifications, direct messages, and the Activity Feed. There's even a way to **search for and save GIFs**.



Other social apps you might be interested in are **StumbleUpon**, **IM+** (an all-in-one messenger for reaching chat contacts across several networks), and the **VK** app for the popular V Kontakte social network.

Utilities

Windows 10 is a virtual toolbox. It can be your search tool, your calculator, and even your digital nightstand.

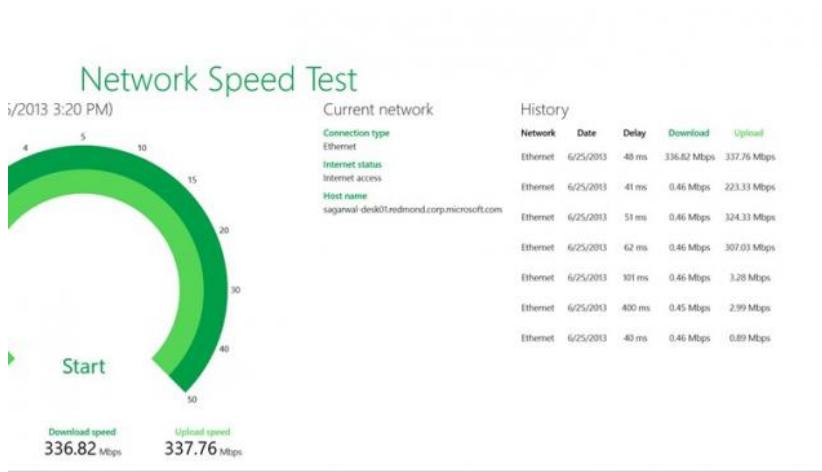
Network Speed Test

We've all lived in a place with a dodgy internet connection at some point in our lives. Perhaps the speed fluctuates wildly or your connection is prone to dropping out. Sadly, internet service providers rarely have much inclination to do anything about it – they're getting your money and they're happy.

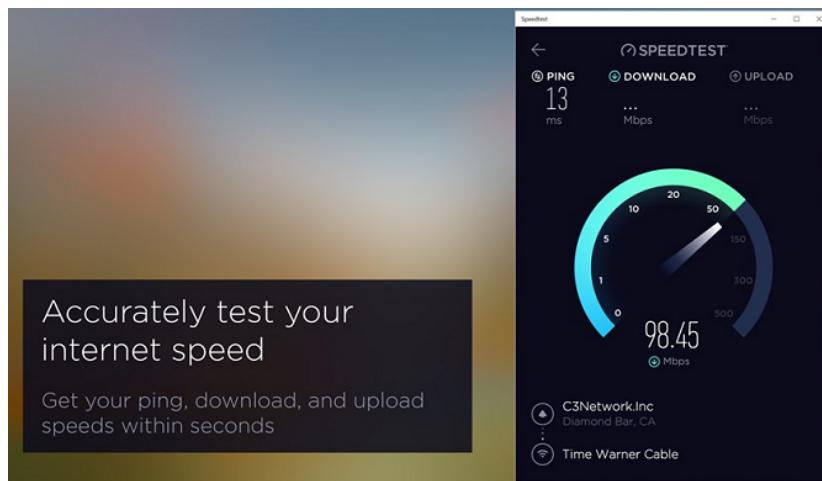


your historical results.

Network Speed Test rectifies the problem. It's got a clean interface, it's lightning fast, and it logs past network performance history in easy-to-understand charts.



Speed Test by Ookla



If you're looking for a simpler version of Network Speed Test, check out Speed Test by Ookla. The company's website is one of the best ways to find out the speed of your internet connection, and the web app is no different.

The app will test your ping, upload, and download speeds, and display all the data in beautifully presented real-time graphs. It'll even keep a log of previous tests so you can track how your speed varies over time.

Advanced Password Generator



- Lower case letters (abc...)
- Upper case letters (ABC...)
- Numbers (123...)
- Special Characters (@#\$...)

Custom Character Set

Off

abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ0123456789~!@#\$%^&*()_=+[]{};:,<,>/?

By now, everyone should know about the importance of **using strong passwords**. As password hacks become more common, failure to do so have genuinely catastrophic real-world consequences.

How to Generate Strong Passwords That Match Your Personality

Without a strong password you could quickly find yourself on the receiving end of a cyber-crime. One way to create a memorable password could be to match it to your personality.

[READ MORE](#)

But making strong passwords isn't always easy; there are so many facets of password creation you need to remember. Instead, why not let the Advanced Password Generator do it for you?

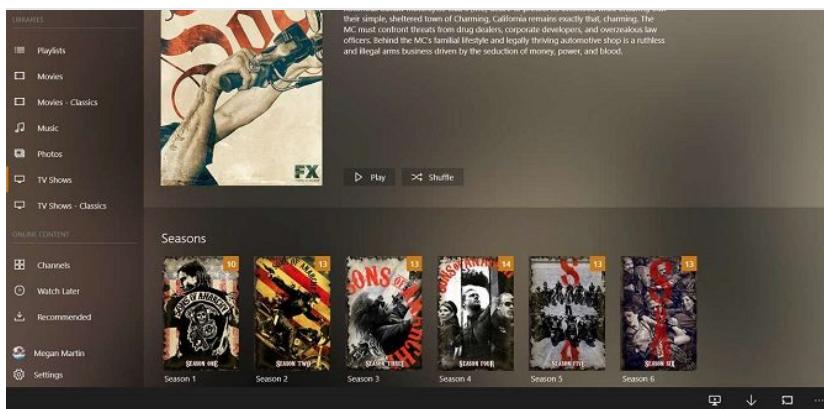
It can use a combination of uppercase, lowercase, numbers, and punctuation to make your password as secure as possible.

Video Players & Companion Apps

Do you like watching TV and movies? How about streaming content from popular subscription services? Do you like casting your own collection of videos? You need these apps.

Plex

Plex and Kodi are the two biggest names in the home theater world. Kodi doesn't have a Windows Store app, but Plex does.



It will let you access any videos, photos, and music that you have on your server via your Windows PC. To supercharge your experience, you should install some of the **best unofficial Plex channels**.

20 Unofficial Plex Channels You Should Install Right Now

One of the best features of Plex are Plex Channels. And one of the best parts of Plex Channels is the Unsupported App Store. Here are 20 unofficial Plex Channels you should install right now.

[READ MORE](#)

Netflix



Enjoy TV episodes, movies, and original content from the world's leading streaming subscription service. This **Netflix app is comparable with the browser interface**, and in some ways better. You can watch in 4K if you have a suitable monitor.



VS. DESKTOP VERSION

Netflix is a fantastic service, but users on Windows 8 have multiple options for enjoying it. Should you go with the modern-styled Windows 8 app, or the desktop version accessible in the browser?

[READ MORE](#)

Hulu/Hulu Plus



What could be better than unlimited streaming of top TV shows and fantastic movies? Hulu Plus offers more than the standard Hulu service, and for many users is worth the upgrade.

VLC

The Swiss army knife of media players has been a long-time favorite of users. Unfortunately, it can be a bit aggressive on your battery life.

The Windows Store app is lighter and less resource-heavy. It supports video, audio, MKV, and FLAC playback, and lets you manage your media library.

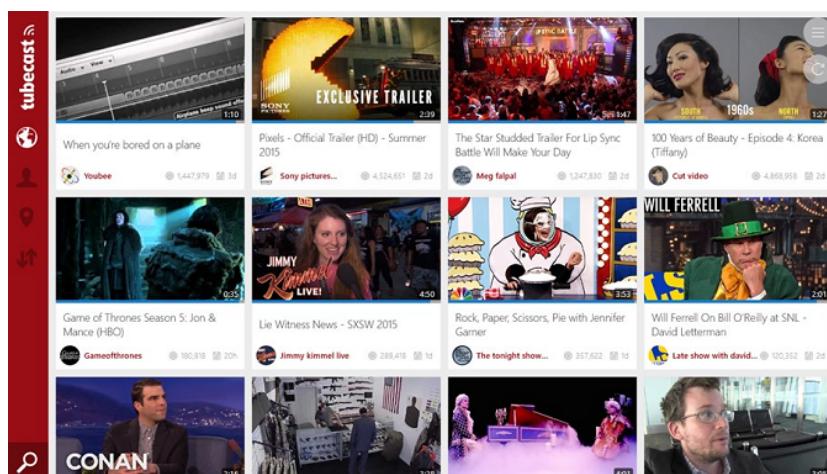


Xbox One SmartGlass



If you own an Xbox One and a Windows 10 device, this is the ultimate companion app, a second screen to interact with your console and TV. An **Xbox 360 version of SmartGlass** is also available.

Tubecast for YouTube





Everyone Else Is Cutting the Cord, So Why Aren't You?

I cut the cord back in 2013 and more and more people are following suit, completely ditching their cable service. But not everyone is cutting the cord, and we decided to find out why...

[READ MORE](#)

Sadly, you won't find an official YouTube app in the Windows Store, but Tubecast is the next best thing. It acts as a YouTube client and can stream content to smart TVs, Chromecasts, Amazon Fire sticks, Rokus, PlayStations, Xboxes, and any DLNA-enabled gadget.

Now It's Your Turn...

I hope I've shown you that you shouldn't dismiss the Windows Store out of hand. It's an increasingly important part of Microsoft's Windows strategy and the quality of the apps within it is only getting better.

Have you found an app that you'd like to recommend to your fellow readers? Have I missed your favorite app off the list? Or do all the offerings still leave you unconvinced?

Let us know your thoughts, opinions, and recommendations in the comments below.

Originally written by Christian Cawley.

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