

LEARNING MADE EASY



4th Edition

# Windows® 10

for  
**dummies**®  
A Wiley Brand



Manage the Start menu  
and the Windows desktop

Get to know the programs  
that come with Windows 10

Discover troubleshooting  
tips and privacy tricks

**Andy Rathbone**

Author of all previous editions of  
*Windows For Dummies*





# Windows<sup>®</sup> 10

4th Edition

**by Andy Rathbone**

**for  
dummies<sup>®</sup>**  
A Wiley Brand

## Windows® 10 For Dummies®, 4th Edition

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# Introduction

**W**elcome to *Windows 10 For Dummies*, the world's best-selling book about the latest — and supposedly last — Windows version, Windows 10!

This book's popularity probably boils down to this simple fact: Some people want to be Windows whizzes. They love interacting with dialog boxes. Some randomly press keys in the hope of discovering hidden, undocumented features. A few memorize long strings of computer commands while washing their hair.

And you? Well, you're no dummy, that's for sure. But when it comes to Windows and computers, the fascination just isn't there. You want to get your work done, stop, and move on to something more important. You have no intention of changing, and there's nothing wrong with that.



**TIP**

## HOW I WROTE THIS BOOK

Every year, Microsoft releases two major updates to Windows 10. How did this book arrive in your hands so quickly after Microsoft released its latest big update? No, I didn't crank it out in two weeks. While creating the latest updates for Windows 10, Microsoft shipped early releases to people who signed up for its Windows Insider's program (<https://insider.windows.com>). This gave Microsoft a way to test new features before shipping them to the public. And it gave me a chance to write about features before they were released.

I spent many months poring over early releases, writing up sections of the book in advance. Then, when Microsoft released its final, approved version to the Windows Insider members, I went over every section, screenshot, and step-by-step instruction to make sure the book's instructions matched Microsoft's final release.

A few weeks later, when Microsoft released the latest Windows 10 update to the public, the publisher was able to release this book, as well.

That's where this book comes in handy. Instead of making you a whiz at Windows, it merely dishes out chunks of useful computing information when you need them. Instead of becoming a Windows expert, you'll know just enough to get by quickly, cleanly, and with a minimum of pain so that you can move on to the more pleasant things in life.

And you'll be able to do that whether you're dealing with a touchscreen tablet, laptop, or desktop computer.

## About This Book

Don't try to read this book in one sitting; there's no need. Instead, treat this book like a dictionary or an encyclopedia. Turn to the page with the information you need and say, "Ah, so that's what they're talking about." Then put down the book and move on.

Don't bother trying to memorize all the Windows jargon, such as Select the Menu Item from the Drop-Down List Box. Leave that stuff for the computer enthusiasts. In fact, if anything technical comes up in a chapter, a road sign warns you well in advance. Depending on your mood, you can either slow down to read it or speed on around it.

Instead of fancy computer jargon, this book covers subjects like these, all discussed in plain English:

- » Keeping your computer safe and secure
- » Making sense of the Windows 10 Start menu
- » Finding, starting, and closing programs and apps
- » Locating the file you saved or downloaded last week
- » Setting up a computer or tablet for the family to share
- » Copying information to and from a disc or flash drive
- » Saving and sharing files from your smartphone or digital camera
- » Printing or scanning your work
- » Linking two or more computers with a network to share the Internet, files, or a printer
- » Fixing Windows when it's misbehaving



There's nothing to memorize and nothing to learn. Just turn to the right page, read the brief explanation, and get back to work. Unlike other books, this one enables you to bypass the technical hoopla and still complete your work.

## How to Use This Book

Windows 10 will most definitely leave you scratching your head at some point. It's the most complicated version of Windows ever released to the public, so take pride in the fact that you're strong enough to persevere.

When something in Windows leaves you stumped, use this book as a reference. Find the troublesome topic in this book's table of contents or index. The table of contents lists chapter and section titles and page numbers. The index lists topics and page numbers. Page through the table of contents or index to the spot that deals with that particular bit of computer obscurity, read only what you have to, close the book, and apply what you've read.

If you're feeling adventurous and want to find out more, read a little further in the bulleted items below each section. You can find a few completely voluntary extra details, tips, or cross-references to check out. There's no pressure, though. You aren't forced to discover anything that you don't want to or that you simply don't have time for.

If you have to type something into the computer, you'll see easy-to-follow bold text like this:

Type **Mail** into the Search box.

In the preceding example, you type the word *Mail* and then press the keyboard's Enter key. Typing words into a computer can be confusing, so a description follows that explains what you should be seeing on the screen.

When I describe a key combination you should press, I describe it like this:

Press Ctrl+B.

That means to hold down your keyboard's Control key while pressing your keyboard's B key. (That's the shortcut key combination that applies bold formatting to selected text.)

Whenever I describe an email address or filename, I present it this way:

```
notepad.exe
```

And website addresses appear like this:

```
www.andyrathbone.com
```

This book doesn't wimp out by saying, "For further information, consult your manual." Windows doesn't even come with a manual. This book also doesn't contain information about running specific Windows programs, such as Microsoft Word or Excel. Windows is complicated enough on its own! Luckily, other For Dummies books mercifully explain most popular programs.

Don't feel abandoned, though. This book covers Windows in plenty of detail for you to get the job done. Plus, if you have questions or comments about *Windows 10 For Dummies*, feel free to drop me a line on my website at [www.andyrathbone.com](http://www.andyrathbone.com). I answer a reader's question each week, either personally or online.

Finally, keep in mind that this book is a *reference*. It's not designed to teach you how to use Windows like an expert, heaven forbid. Instead, this book dishes out enough bite-sized chunks of information so that you don't *have* to learn Windows.

## Touchscreen Owners Aren't Left Out

Although Windows 10 comes preinstalled on all new Windows desktop PCs and laptops, Microsoft also aims Windows 10 at owners of *touchscreens*. Tablets, some laptops, and desktop monitors come with screens you can control by touching them with your fingers.

If you're a new touchscreen owner, don't worry. This book explains where you need to touch, slide, or tap your fingers in all the appropriate places.

If you find yourself scratching your head over explanations aimed at mouse owners, remember these three touchscreen rules:

- » **When told to *click*, you should *tap*.** Quickly touching and releasing your finger on a button is the same as clicking it with a mouse.
- » **When told to *double-click*, *tap twice*.** Two touches in rapid succession does the trick.

» When told to *right-click* something, *hold down your finger on the item*. Then, when an icon appears, *lift your finger*. The right-click menu appears onscreen. (That's what would have happened if you'd right-clicked the item with a mouse.) While you're looking at the pop-up menu, tap any of its listed items to have Windows carry out your bidding.



REMEMBER

If you find touchscreens to be cumbersome while you're sitting at a desk, you can always add a mouse and keyboard to your touchscreen tablet. They work just fine. In fact, a mouse and keyboard almost always work better than fingers on the Windows desktop, even in Windows 10. (They're almost mandatory on small Windows tablets.)

## And What about You?

Chances are good that you already own Windows 10. You know what *you* want to do with your computer. The problem lies in making the *computer* do what you want it to do. You've gotten by one way or another, perhaps with the help of a computer guru — for instance, a friend at the office, a relative, or perhaps a neighbor's teenager.

But when your computer guru isn't around, this book can be a substitute during your times of need.

## Icons Used in This Book

It just takes a glance at Windows to notice its *icons*, which are little push-button pictures for starting various programs. The icons in this book fit right in. They're even a little easier to figure out.



TECHNICAL  
STUFF

Watch out! This signpost warns you that pointless technical information is coming around the bend. Swerve away from this icon to stay safe from awful technical drivel.



TIP

This icon alerts you about juicy information that makes computing easier: a new method for keeping the cat from sleeping on top of your tablet, for example.



REMEMBER

Don't forget to remember these important points (or at least dog-ear the pages so that you can look them up again a few days later).



WARNING

The computer won't explode while you're performing the delicate operations associated with this icon. Still, wearing gloves and proceeding with caution is a good idea.



NEW

Twice each year, Microsoft releases a large update for Windows 10. This icon alerts you to areas where Windows 10 behaves quite differently from the way it did before.

## Beyond the Book

Like every Windows For Dummies book, this one comes with a free Cheat Sheet that brings together some of the most commonly needed information for people struggling with Windows. It describes how Microsoft changes Windows 10 after its release, and it offers keyboard shortcuts as well as tips on using Windows 10 on a touchscreen. To get the Cheat Sheet, head for [www.dummies.com](http://www.dummies.com) and, using the Search box, search for **Windows 10 For Dummies Cheat Sheet**.

## Where to Go from Here

Now you're ready for action. Give the pages a quick flip and scan a section or two that you know you'll need later. Please remember, this is *your* book — your weapon against the computer nerds who've inflicted this whole complicated computer concept on you. Please circle any paragraphs you find useful, highlight key concepts, add your own sticky notes, and doodle in the margins next to the complicated stuff.



REMEMBER

The more you mark up your book, the easier it will be for you to find all the good stuff again.

# **1**

## **Windows 10 Stuff Everybody Thinks You Already Know**

**IN THIS PART . . .**

Understand the changes in Windows 10.

Navigate and customize the Start menu.

Store files in the cloud with OneDrive.

- » Getting to know Windows 10
- » Discovering the new features in Windows 10
- » Figuring out whether your PC is powerful enough to run Windows 10
- » Knowing which version of Windows 10 you need

## Chapter 1

# What Is Windows 10?

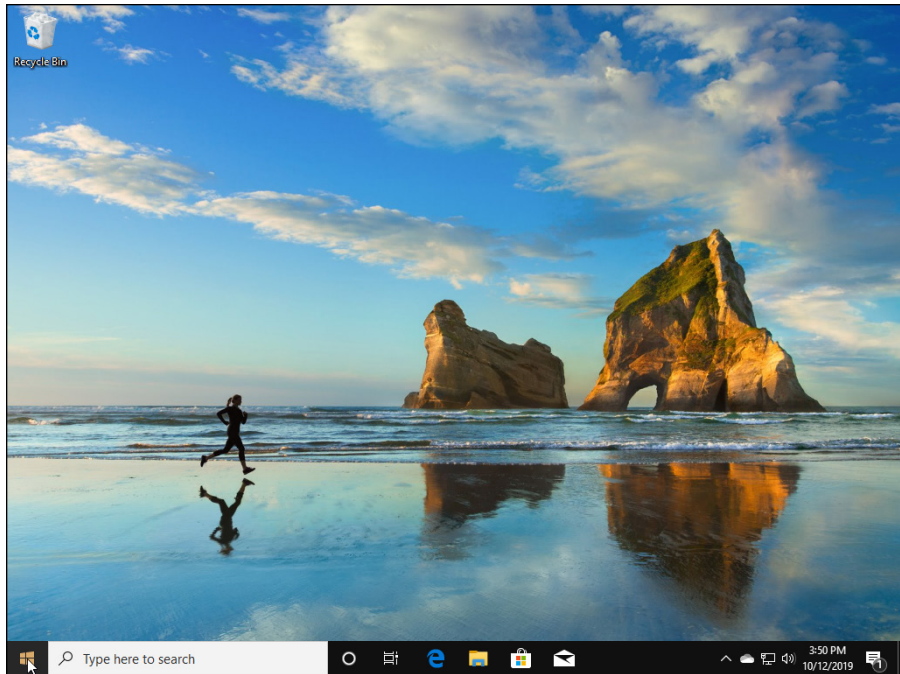
Chances are good that you've heard about *Windows*: the boxes and windows that greet you whenever you turn on your computer. In fact, millions of people worldwide are puzzling over Windows as you read this book. Most new computers and laptops sold today come with Windows preinstalled, ready to toss colorful boxes onto the screen.

This chapter helps you understand why Windows lives inside your computer, and I introduce Microsoft's latest Windows version, *Windows 10*. I explain how Windows 10 differs from previous Windows versions, and why Windows 10 keeps changing.

## What Is Windows, and Why Are You Using It?

Created and sold by a company called Microsoft, Windows isn't like your usual software that lets you calculate income taxes or send angry emails to politicians. No, Windows is an *operating system*, meaning it controls the way you work with your computer. It's been around since 1985, and the latest incarnation is called *Windows 10*, shown in Figure 1-1.

**FIGURE 1-1:**  
Although  
Windows 10 looks  
different on  
different PCs, it  
usually looks  
much like this.



The name *Windows* comes from all the little windows it places on your computer screen. Each window shows information, such as a picture, a program, or a baffling technical reprimand. You can place several windows onscreen simultaneously and jump from window to window, visiting different programs. Or, you can enlarge one window to fill the entire screen.

When you turn on your computer, Windows jumps onto the screen and begins supervising any running programs. When everything goes well, you don't really notice Windows; you simply see your programs or your work. When things don't go well, though, Windows often leaves you scratching your head over a perplexing error message.

In addition to controlling your computer and bossing around your programs, Windows comes with a bunch of free programs and *apps* — mini-programs. These programs and apps let you do different things, such as write and print letters, browse the Internet, play music, and send your friends dimly lit photos of your latest meal.

And why are you using Windows? Well, you probably didn't have much choice. Nearly every computer, laptop, or Windows tablet sold after July 2015 comes with Windows 10 preinstalled. A few people escaped Windows by buying Apple computers (those nicer-looking computers that cost a lot more). But chances are good that you, your neighbors, your boss, and millions of other people around the world are using Windows.





NEW

- » Microsoft wants Windows 10 and its gang of apps to run on nearly *everything*: PCs, laptops, tablets, video game consoles, and even yet-to-be-invented gadgets. That's why Windows 10 includes many large buttons for easier poking with fingers on touchscreens. Windows 10 can also run *apps*, small programs usually found on smartphones and tablets, in windows on a desktop PC.
- » To confuse everybody, Microsoft never released a Windows 9. Microsoft skipped a version number when moving from Windows 8.1 to Windows 10.
- » The desktop's traditional Start menu, missing from Windows 8 and 8.1, returns in Windows 10. Microsoft has tinkered with the Start menu since Windows 10's initial release, making it a little easier to understand. (I explain how to customize the new Start menu to your liking in Chapter 2.)



TIP

## SEPARATING THE ADS FROM THE FEATURES

Microsoft touts Windows as a helpful companion that always keeps your best interests in mind, but that description isn't really true. Windows always keeps *Microsoft's* interests in mind.

For example, Microsoft uses Windows to plug its own products and services. *Microsoft Edge*, the new Windows web browser, opens with links to Microsoft's own websites. The browser's Favorites area, a place for you to add *your* favorite web destinations, comes stocked with *Microsoft* websites.

Windows 10 places a link to OneDrive, its online storage service, in every folder. But Microsoft isn't as quick to mention that you must pay an annual fee when you reach your storage limit.

Advertisements appear on the Start menu, as well as the Windows *Lock Screen*, the screen that appears when you haven't used your PC for a while.

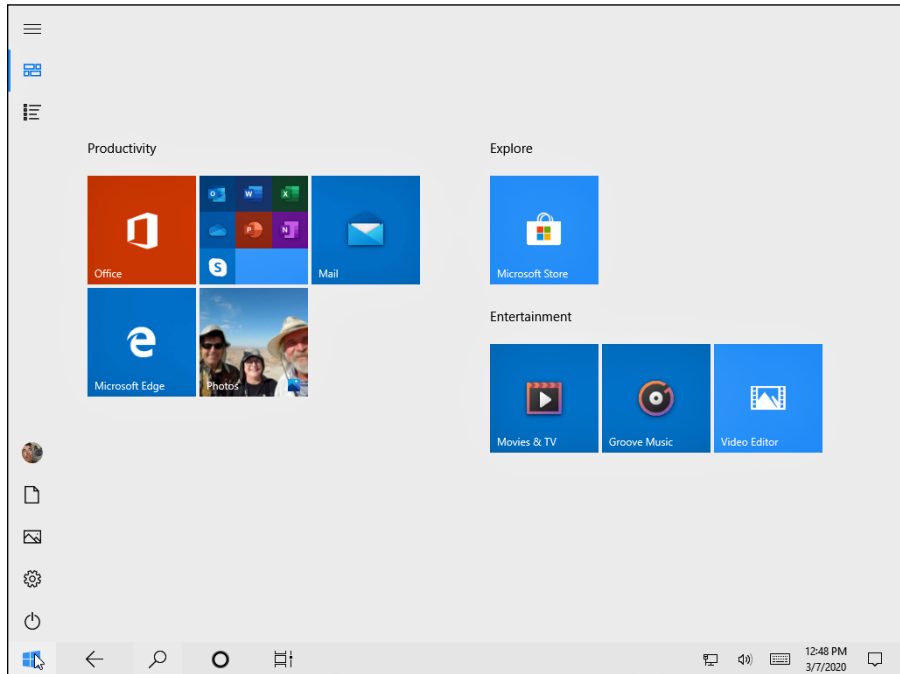
The Maps app uses the Microsoft Bing mapping service, rather than Google Maps or another competitor.

Microsoft also wants you to start buying *apps* rather than traditional programs. Apps are sold only through the bundled Microsoft Store app, and Microsoft takes a cut of each sale.

Simply put, Windows not only controls your computer but also serves as a huge Microsoft advertising vehicle. Treat these built-in advertising flyers as a salesperson's knock on your door.

# What's New in Windows 10?

Microsoft views Windows 10 as a one-size-fits-all computing solution that runs on laptops and desktop PCs (shown earlier in Figure 1-1) as well as tablets, shown in Figure 1-2.



**FIGURE 1-2:** Windows 10 behaves almost identically on laptops and desktop PCs (shown earlier) and tablets (above).

Windows 10 can even run on your TV through Microsoft's Xbox One game console. Windows 10 behaves almost identically on each device, and it brings a bonus: Apps known as *universal apps* will run on a Windows 10 tablet, PC, laptop, and Xbox One.



NEW

Besides aiming to run on everything but clock radios, Windows 10 brings these changes to your computer:

- » **Start button and menu:** Removed from Windows 8 and half-heartedly tacked back onto Windows 8.1, the Start button and Start menu triumphantly return to the desktop in Windows 10. The revamped Start menu sports a column of icons, as well as fingertip-sized tiles for launching apps. (Tile haters find instructions for removing them in Chapter 2.)



- » **Apps on the desktop:** *Apps*, which are small programs from the world of phones and tablets, consumed the full screen in Windows 8 and 8.1. Windows 10 lets you choose whether to run apps full screen or within desktop windows.
- » **Cortana:** The digital assistant in Windows 10, Cortana, helps you manage your computing by fetching lost files, stocking your calendar with appointments, grabbing up-to-date traffic information about your commute, and extracting informational tidbits from the Internet. Microsoft recently removed Cortana from the taskbar's Search box; and it may eventually disappear from Windows 10. I cover searching for information in Chapter 7.
- » **OneDrive:** Microsoft's online file storage service comes built into Windows 10. OneDrive lets you choose which files and folders should live *only* on the cloud (Microsoft's Internet-connected computers) and which should live on both the cloud *and* your computer. That lets you adjust the settings depending on your computer's amount of available storage space.
- » **More apps:** The Microsoft Store offers more than 700,000 apps. That's nowhere near the number of apps found for the iPhone, iPad, or Android phones and tablets, but you can find plenty of big names like Facebook and Netflix, with more on the way.
- » **Multiple desktops:** Windows 10 lets you create extra desktops, and you can switch between them with a click or tap. You can set up one desktop for work and another for gaming, for example. (Or you can completely ignore the feature.)
- » **Windows Hello:** This welcome security update allows you to sign into your computer without typing in a password. With the right fingerprint reader or camera, your computer can recognize your face, fingerprint, or iris and automatically let you in. You can even access supported websites without having to type your username and password.
- » **Windows Ink:** This update lets you write on your tablet's screen with a special pen, letting you add handwritten notes and drawings to apps like Maps, the Microsoft Edge browser, and Office.
- » **Windows Timeline:** This new feature lets you see what apps, programs, and websites you accessed on previous days, letting you quickly revisit past work.
- » **Your Phone:** The latest update to the Your Phone app now lets you send and receive your phone's messages from the keyboard of your desktop PC, all wirelessly. You can browse your phone's latest photos from your desktop, as well. Keep an eye on this app, as Microsoft plans to add more features. I cover the Your Phone app in Chapter 17.



» **Windows 10 is now a service:** Perhaps most important, Microsoft treats Windows 10 as a constantly evolving *service* rather than a finished product. Microsoft keeps tinkering with Windows 10, adding, changing, or removing apps and features for as long as you own the device. (There's no way to stop Microsoft from changing Windows 10; you're expected to stomach these changes which take place automatically in the background.)

Unlike Windows 8 and 8.1, Windows 10 no longer feels like two operating systems crammed into one computer. It feels like a single operating system that can handle both tablets and desktop PCs.



TIP

## HISTORY FOR WINDOWS 7 UPGRADERS

Windows 7 diehards missed lots of hubbub by skipping Windows 8 and 8.1. Those two poorly received Windows versions affected Windows 10 quite a bit; here's a wee bit of history so you'll understand Windows 10 a little better.

For years, Microsoft had watched helplessly as hordes of people bought iPhones, iPads, and *apps* — small and simple programs for lightweight touchscreen tasks. To compete, Microsoft designed Windows 8 for touchscreen tablets and unleashed it in 2012. Like the competition, Windows 8 opened to a screen full of touchable colorful tiles, each representing an app.

Even the desktop was relegated to an app, a tiny tile on the screen. But when opened, the Desktop app lacked its Start button and menu. Microsoft expected people to return to the tile-filled opening screen to launch their desktop programs.

Most desktop owners hated Windows 8. And because very few people bought Windows 8 tablets, Windows 8 bombed in the marketplace. Windows 8.1 made a few amends, but not enough.

With Windows 10, Microsoft aims to placate desktop lovers by bringing back a more traditional Start button and Start menu. To please tablet owners, the Start menu can fill the screen on command, making it easier to control with fingertips.

Best of all, Windows 10 is smart enough to change shape depending on what device it's installed on. On a tablet, Windows 10 presents the tile-filled, full-screen Start menu, which subtly widens its spacing to accommodate finger taps. On desktop PCs, Windows 10 shows the traditional desktop, Start menu, and Start button. And the menus remain small, which works well for the pinpoint clicks of a mouse.

With Windows 10, Microsoft hopes Windows will finally serve the needs of both desktop traditionalists *and* tablet owners.



TIP

For its first year of release, Windows 10 was a free upgrade for people owning fully patched Windows 7, 8, or 8.1 computers. The upgrade is no longer free, but it still keeps your files, apps, and programs in place. Owners of older PCs can also upgrade to Windows 10, but the upgrade will wipe out all your files and programs. You'll need to reinstall everything from a backup. (If your old computer is a slow crawler, it will *still* be a slow crawler after upgrading to Windows 10. You're probably better off buying a new PC with Windows 10 preinstalled.)



TECHNICAL  
STUFF

Windows no longer comes in a Windows RT version. If you bought a Windows RT tablet, such as the Surface RT or Surface 2, you can't upgrade it to Windows 10.

## What's So Different about Windows 10?

Today, computing falls into two camps: creating and consuming. People turn to their desktop PC for *creating* things. They write papers, send email, prepare tax returns, update blogs, edit videos, or, quite often, tap whichever keys their boss requires that day.

But when *consuming*, people often walk away from their desktop PCs. They pull out their smartphone or tablet to read email, watch videos, listen to music, and browse the web.

That split creates a problem. Desktop PCs, phones, and tablets all work differently; each offers different screen sizes, programs, and commands. What works well with fingers doesn't always work well with a mouse and keyboard. Sharing files among gadgets can be a nightmare.

Windows 10 aims to fix those problems by creating one operating system that works well on *everything*, letting both consumers and creators work on a single device. To do that, Windows 10 includes two different modes:

- » **Tablet mode:** For on-the-go information grabbers with touchscreen tablets, the Windows 10 Start menu fills the entire screen with large, colorful tiles that constantly update to show the latest stock prices, weather, email, Facebook updates, and other tidbits. Shown earlier in Figure 1-2, that information appears before you touch a button. And *touch* is a keyword: The full-screen Start menu works best with a touchscreen monitor or tablet.
- » **Desktop mode:** When it's time for work, the traditional Windows desktop brings all its power — as well as its more powerful and detailed menus.

Some people like the convenience of having both types of computers built into one: a touchscreen laptop, for example, or a tablet with a docking station that lets

you plug in a mouse and keyboard. Others find the two experiences to be oddly disjointed.



» If you can stomach the initial confusion, Windows 10 may offer you the best of both worlds: You can stay on the full-screen Start menu for quick, on-the-go browsing. And when work beckons, you can head for the desktop, where your traditional Windows programs await.

» If you're sitting at a desktop PC, Windows 10 should automatically open to the desktop. Windows 10 tablets usually open to a full-screen Start menu.

If Windows 10 doesn't open to the mode you prefer, click the Action Center icon (shown in the margin) found on the taskbar at the bottom of the screen; when the Action Center pane appears, click the Tablet mode toggle button. Your Start menu should quickly return to its proper size.

» Microsoft's game console, the Xbox One, runs in Tablet mode. The Xbox One's game controller serves as your finger, letting you move from tile to tile by pressing the controller's arrow keys.

» I explain the Windows 10 Start menu in Chapter 2; the Windows desktop awaits your attention in Chapter 3.

## Why Does Windows 10 Keep Changing?

Microsoft calls Windows 10 a *service* rather than an operating system. Like any other service, it's subject to changes. Every month or two, Microsoft changes Windows 10 slightly. Some of Microsoft's changes occur more quickly: Your apps, for example, can update weekly. Some update daily.

Bigger changes arrive every six months, packed into large groups. You may have heard about the Anniversary Update in mid-2016, and the Creator's Update in 2017. Another big update arrived in Spring of 2020, bringing even more changes. (This edition of the book is up to date with all those changes.)

You may not notice these changes. Indeed, most of them just fix hundreds of annoying bugs, making Windows 10 run and install more smoothly.

Microsoft sends these updates automatically to your computer through Windows Update; you don't need to jump through hoops to find and install them.

Your apps update themselves automatically through the Microsoft Store. That's why the Music app automatically changed its name to the Groove Music app, for