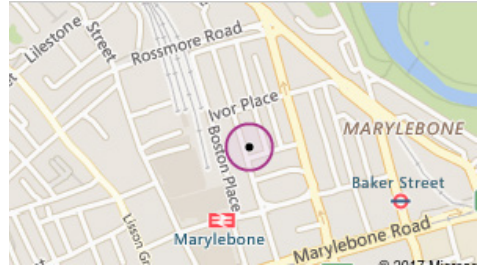


The meeting on Monday 11 June 2018
will be downstairs at the
Sir John Balcombe 21 Balcombe Street
London NW1 6HE



Members Only *Updated* Special Offers

Current special offers

- Ztylus Revolver M Series Lens Kit: 20% Discount
- Stellar Phoenix Mac Data Recovery – Professional: \$20 discount
- TidBITS Content Network: Trial Offer
- EverWeb by RAGE Software: 50% Discount - Updated Link
- Take Control Books: 30% Discount on All eBooks
- Teams ID, a Password Manager for Teams: 33% Discount
- Eltima Software: Up to 60% Off OS X Apps
- Opus J[Complete Collection: 25% Discount
- Joe On Tech Guides: 20% Discount on All Books
- AgileBits 1Password 6 Subscription: 25% Discount
- TechTool Pro 9.5: 20% Discount
- Noteboom Tutorials: 33% Off Annual Memberships
- Prosoft Engineering: 25% Off
- Que Publishing Products: 35-45% Discount

The meeting on Monday 11th June 2018
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Street, London NW1 6HE

This month we will run a Newsbyte Extra
detailing and discussing all the news from
Apple's WWDC conference: macOS, iOS,
watchOS and tvOS!

We start at 7pm. Bring your questions on
any Apple topic as well and we'll try to answer
it.

We will run a fantastic raffle as usual.

Chairman's message

You have probably heard of the GDPR. We
are working on a privacy policy explaining how
we protect membership information but you
can be assured that we don't sell adverts or
your personal data. You'll hear more soon.



iOS 12 to Focus on Performance and Refinement

At WWDC, Apple on 4th June announced iOS 12, which, like the every-other release of macOS, focuses on refinement over radical new features, with an emphasis on speed, better time management, Siri improvements, and sprucing up long-ignored Apple apps. And augmented reality, although there seems to be more talk than action in this space so far.

The Need for Speed

The first way Apple hopes to improve your experience is by making your iOS devices faster. Apple claims that iOS 12 will be faster than iOS 11—a lot faster. The company is touting 40% faster app launches, 50% faster keyboard display, and 70% faster Camera access, plus up to 100% faster app launches and share sheet display while under heavy CPU load. Apple says this speed boost shouldn't impact battery life since iOS 12 ramps up CPU performance instantly when needed and drops it as soon as it's not.

A chart of how iOS 12 will throttle performance to save battery.

These speed boosts will occur on every device iOS 12 supports, which is happily every device which iOS 11 supported—all the way back to the iPhone 5s and the original iPad Air. In fact, Apple suggested that these older devices may benefit the most from the speed improvements. Apple claims that iOS 12 will have the largest supported base ever for an Apple operating system release.

Take Back Your Time

Apple seems painfully aware of how the iPhone has reshaped society and is ever so slightly regretful.

A mom staring at her phone while her kid jumps off a swing.

To that end, Apple is enhancing two existing iOS features and rolling out a new one to help you use your iPhone less.

Do Not Disturb Improvements

First up, Do Not Disturb (DND) is getting some upgrades. You can now set an automatic end to DND by time or location: press the DND button in Control Center and you can set when or where to automatically leave DND mode. Now you don't have to remember to turn it off.

New duration settings for Do Not Disturb

DND can already keep your phone from buzzing and lighting up when you're trying to rest, but Apple is taking it to the next level with Do Not

Disturb During Bedtime, which also dims the display and hides all notifications until you wake up. When you do check your iPhone in the morning, it will slowly introduce notifications to you instead of bombarding you first thing.

How DND will look when you wake up.

Notification Improvements

iOS 12 will introduce two ways to make notifications less obnoxious:

Notification Grouping: Notification grouping collects related notifications from the same app into "stacks" that you can tap to expand or dismiss with a swipe.

Notification groups in iOS 12

Instant Tuning: In iOS 12, you can press a notification on the Lock screen to stop receiving notifications from that app, or to quietly send them to Notification Center without bothering you when the phone is locked. Siri may also make suggestions for adjusting them based on your usage.

Instant Tuning for notifications in iOS 12

Screen Time

The new Screen Time feature helps you track and control how often you and your children use your iOS devices, much like the existing Moment app but with more capabilities. You can see exactly how long you've been using your devices, which apps you've spent time in, set timed daily limits for apps, and set time away from the screen. You can also do this for your children's devices via Family Sharing.

Screen Time settings in iOS 12

Smarter Siri

The most ambitious new feature of iOS 12 is Siri Shortcuts, accompanied by the new Shortcuts app. Apple did a weak job of explaining exactly Shortcuts, so let me clear it up for you: it's the official integration of the Workflow automation app that we've been anticipating since Apple purchased it last year (see "What Apple's Purchase of Workflow Means for Automation," 27 March 2017). It turns out that the title of my Workflow review—"Workflow Is the Next Step for iOS Automation" (21 December 2014)—was on

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the nose.

Siri Shortcuts will tie into hundreds of apps for you to create automated routines, which you activate on screen or with Siri. Plus, Siri will learn your daily habits and suggest certain shortcuts when they are relevant.

Here are some examples of stuff you can do with Siri Shortcuts:

- Locate your keys with Tile

- Order a favorite beverage

- Text a friend with a premade message

- Using Siri Suggestions to find your keys

Augmented Reality

Apple spent quite a bit of the keynote talking about and showing off the capabilities of the new ARKit 2 framework. As before, augmented reality demos well, but hasn't made a splash among mainstream apps used by most users yet. It's obvious that Apple is laying the groundwork for something much bigger—perhaps digital glasses or an augmented Apple Car display. In any case, Apple is very excited about AR, despite it not really rocking the App Store yet. Here's what's new in AR in iOS 12:

Shared Experiences: ARKit 2 will allow for "shared experiences"—think multiplayer games where everyone's device can project shared virtual objects as an overlay on the real world. Apple demonstrated this capability with an upcoming Lego game and a demo app that fired virtual bullets at realistic virtual wooden blocks—on a table that actually exists. It was impressive, but wasn't a very good example of augmented reality, since nearly everything that was interesting was in the virtual aspect of the game; the original Lego model just sat there.

AR File Format: Apple announced the new USDZ file format for augmented-reality content. Adobe is an early partner, and Creative Cloud apps like Photoshop will be able to export USDZ. The USDZ standard will enable publishers to embed augmented reality in apps and Web sites more easily. As an example, Apple's Craig Federighi demonstrated creating a customized guitar, and projecting it as an AR object so you could see how it would look at full size, and how it might look alongside surrounding objects.

For now, the most useful implementation of ARKit will be Apple's new Measure app, which will ship with iOS 12. The app is—as you can guess—a virtual measuring tape. Measure will help you measure real-world objects with your iPhone and can even measure select objects, like photos, auto-

matically.

Other Stuff

Many other various and sundry changes are coming to iOS 12:

Animoji: iPhone X users can look forward to ghost, koala, tiger, and Tyrannosaurus animojis. iOS 12 will also introduce memoji, which are animojis you can customize to match your appearance. Also, animojis will be able to detect the movement of your tongue and animate that on screen. No, that's not a joke.

Apple Books: iBooks has been redubbed Apple Books and has been given a fresh new design.

Apple News: The News app will receive a design refresh, including a new sidebar on the iPad.

Battery: The 7-day battery usage information in Settings > Battery will now show battery usage over the past 10 days instead.

Camera Effects: The Camera app will gain Snapchat-esque effects you can apply to images, such as turning your face into an animoji, inserting emojis and stickers in the image, and applying various fun filters. You'll be able to use these in other apps like Messages.

CarPlay: With iOS 12, CarPlay will support third-party navigation apps, like Google Maps and Waze. Adam Engst was just complaining about the lack of this capability in iOS 11 while on his trip to the UK, where Apple's Maps app wasn't working acceptably, but Google Maps couldn't be displayed on the rental car's screen via CarPlay.

FaceTime: FaceTime will finally let you have calls with more than two people. In fact, it will support up to 32 of your friends and relatives! You'll also be able to use the aforementioned Camera effects while chatting with FaceTime.

Password Generation: Not only can iOS 12 save and manage your Web and app passwords, but it'll also be able to suggest new passwords and automatically save them.

Photos: The Photos app boasts improved search, though we'll be curious if it will be as good as the search in Google Photos. A new For You tab reveals photos from your library, and—here's a great feature—prompts you

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**SoundByte is the newsletter of the London Mac User Group.
It is produced solely by, and for, LMUG members.
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to collaborate with recognized friends to share photos from an event so you both get a complete set.

Safari: The Safari Web browser gets some bold new privacy protections. Share buttons and comment boxes are now prevented from tracking you without permission, and advertisers can no longer track your device's unique characteristics. Facebook, Google, and Web advertisers may not be happy about that, but nearly all users will appreciate it.

Stocks: Remember the Stocks app? Apple has redesigned it, and it will integrate articles from Apple News.

Two-Factor Authentication: If you need a one-time SMS code to log into a Web site, iOS 12 can automatically detect that and suggest it to you with AutoFill so you don't have to switch between two apps.

Voice Memos: The Voice Memos app is getting a big overhaul with support for both iPad and iCloud. macOS 10.14 Mojave will have Voice Memos as well, and recordings will sync between the two via iCloud, so it will be far more useful than it ever has been.

Wallet: Apple demonstrated iOS 12 supporting contactless student ID cards at schools and universities that are partnering with them.

As welcome as many of these features are, none are game-changing. But that's fine—we'd rather see the company instead focus on performance and refinement. There's surely much more to discover over the summer as I work on updating Take Control of iOS 11.

Evernote 7.2

Evernote has released version 7.2 of its eponymous information management app with more robust handling of open attachments while editing in an outside program. The release also fixes a crash that could occur when annotating PDFs, resolves an issue with nested tags collapsing when they weren't supposed to, fixes a bug with drag and drop interfering with copy and paste, and ensures that notes shared through iMessage share the entire note, not just the title. Evernote Business also improves the relevancy of search results and fixes a couple of bugs specific to the team- and project-based edition of Evernote (available for \$14.99 per user per month). (Free from Evernote or the Mac App Store, 54.4 MB, release notes, macOS 10.11+)



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