

WWDC 2014

A PERFUNCTORY LIST OF BIG STUFF, AND THINGS YOU MIGHT HAVE MISSED

HI, THANKS FOR COMING.

I'M GOING TO TALK ABOUT SOME THINGS YOU MIGHT HAVE MISSED FROM WWDC, OR RATHER THE THINGS THAT ARE RELEVANT TO DEVELOPERS.

I'M NOT GOING TO TALK ABOUT CONSUMER FACING FEATURES.

AND AT THE END WE CAN GET AN IDEA OF WHAT NSBELFAST TALKS OVER THE NEXT FEW MONTHS SHOULD BE ABOUT.

EVEN BETTER IF ANYONE WANTS TO TALK ABOUT THESE THINGS OR ANYTHING ELSE, PLEASE LET US KNOW.



THIS IS THE OS X AND OTHER CATEGORY.

< LIST AND EXPAND A LITTLE ON THE ITEMS ON THE SLIDE >



I'M GOING TO TALK ABOUT CLOUD KIT AND THE NEW ITUNES CONNECT.

CLOUD KIT

TURN IT ON IN YOUR APP USING A CHECKBOX.

USES ICLOUD ACCOUNTS FOR AUTHENTICATION, CAN DO THIS AS STANDALONE FUNCTION!

DATA HAS ACCESS CONTROL: PRIVATE VS PUBLIC.

RECORDS ARE KEY/VALUE PAIRS PLUS METADATA.

SO FAR SO MUCH LIKE PARSE.

SUBSCRIPTIONS ARE LIKE AUGMENTED PUSH NOTIFICATIONS, APP SUBSCRIBES TO NEW DATA ON SERVER.

WHEN TO USE: OVERKILL FOR SIMPLE DATA. NOT GOOD FOR DOCUMENT BASED APPS. USE IF YOU NEED PUBLIC DATA/SHARED DATA. NOT ALL DATA NEEDS TO BE ON DEVICE. ICLOUD ACCOUNT AUTH.

NEW LOOK ITUNES CONNECT

ALL NEW INTERFACE AND WORKFLOWS.

NO NEED FOR SCREENSHOTS / METADATA UP FRONT.

VIDEO PREVIEWS.

APP BUNDLES.

COMPLETE MY BUNDLE.

ITUNES CONNECT APP ANALYTICS

REVEAL MISSED OPPORTUNITIES.

NUMBER OF VIEWS > SALES.

INSTALLS AND STICKINESS.

IN APP SALES.

SOURCES / CAMPAIGN IDS.

TEST FLIGHT

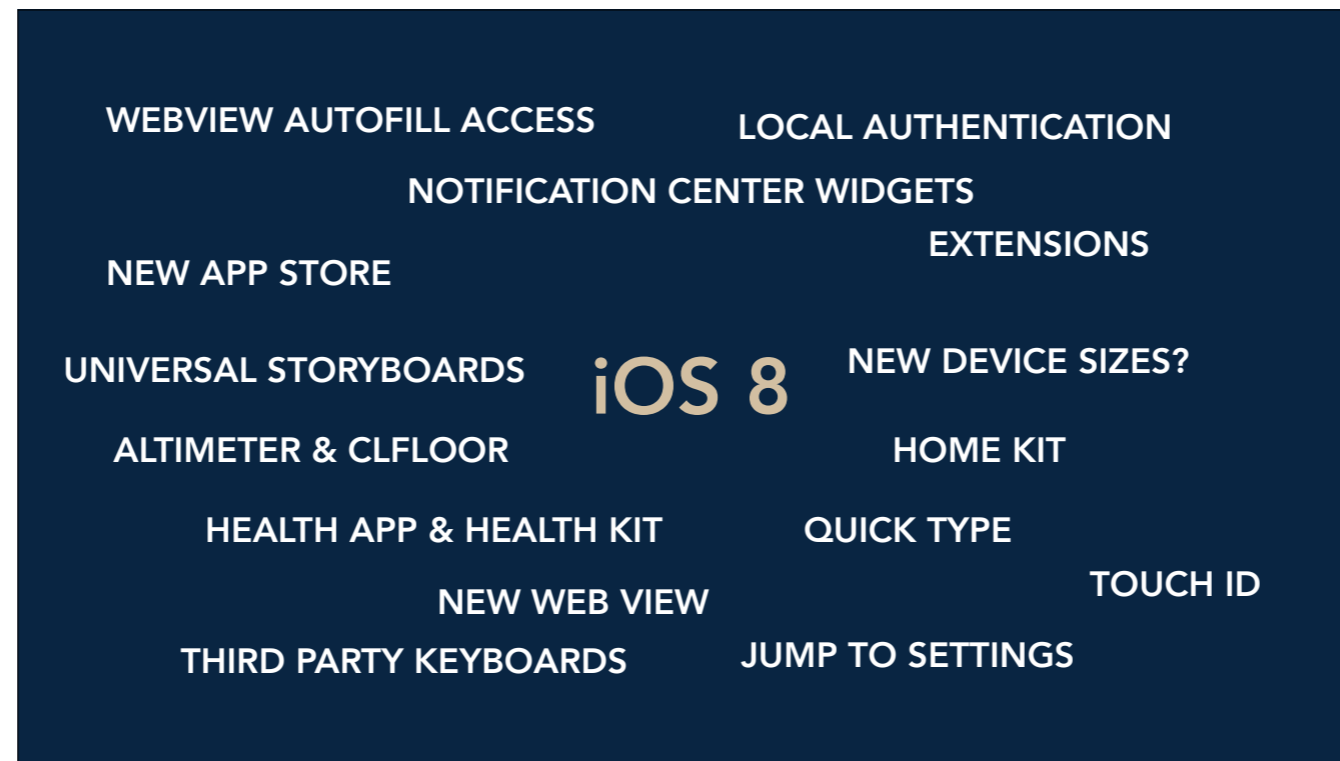
1,000 PUBLIC TESTERS, NOT DEVICES

THEIR BUILDS GO THROUGH APP REVIEW

25 TEAM TESTERS GET INSTANT BUILDS (PRODUCT, QA)

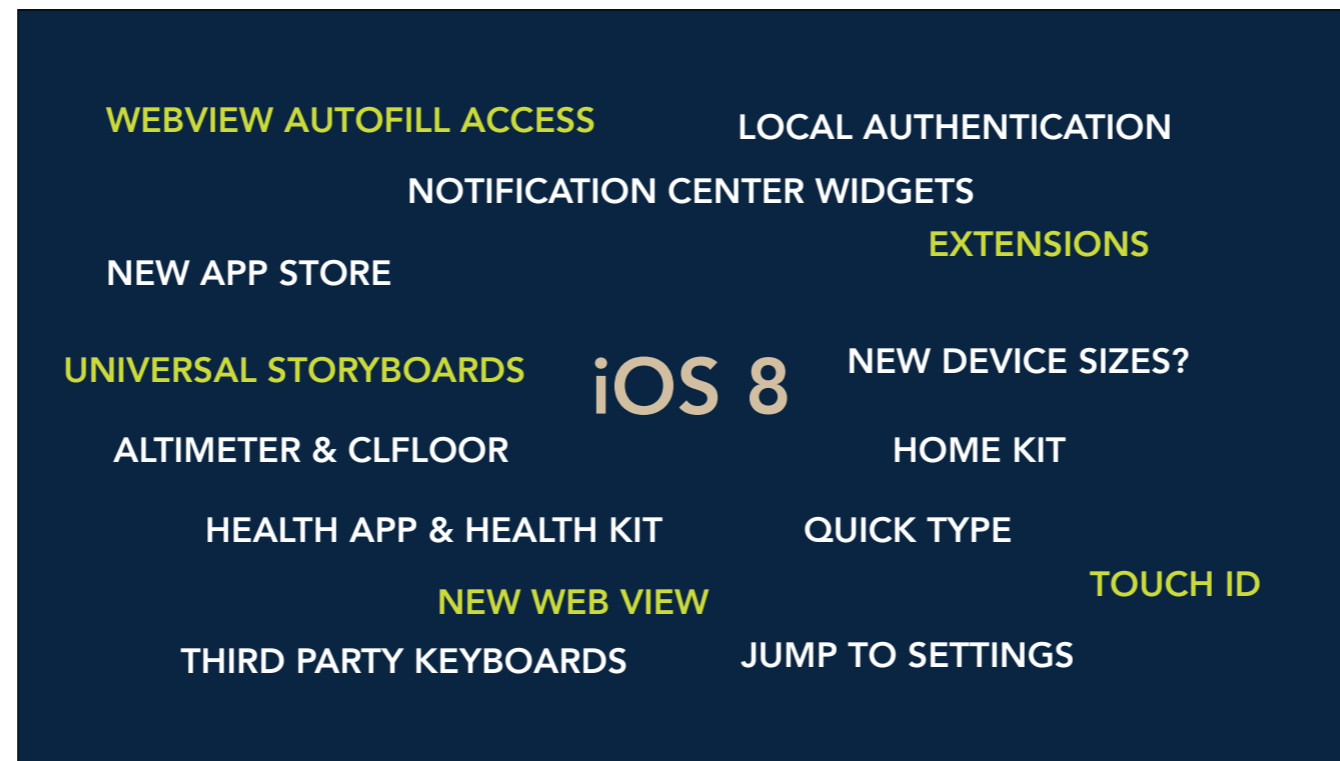
NO MORE UDID OR PROVISIONING PROFILES TO DEAL WITH

TEST FLIGHT APP



IOS 8 BRING SO MANY NEW THINGS, IT'S HARD TO KNOW WHERE TO BEGIN.

< LIST AND EXPAND A LITTLE ON THE ITEMS ON THE SLIDE >



I'M GOING TO TALK ABOUT THE NEW WEB VIEW, AUTHENTICATION, EXTENSIONS, UNIFIED STORYBOARDS.

NEW WEB VIEW

SAME WEBKIT ON IOS AND MAC OS SAFARI. CALLED WKWEBVIEW.

NITRO JAVASCRIPT - FAST!

BLOCKS THIRD PARTY COOKIES.

BUILT IN GESTURES. (BACK, FORWARD, ZOOM)

YOU CAN SHARE STATE BETWEEN INSTANCES USING A CONFIGURATION OBJECT.

USER SCRIPTS: TAKE ACTIONS ON THE DOM USING JAVASCRIPT. e.g. HIDE A BIG DIV OF RELATED ARTICLES.

SCRIPT MESSAGES: JSON SENT TO APP FROM USER SCRIPTS & FROM YOUR OWN WEBSITE.

AUTHENTICATION

AUTOFILL PASSWORDS FROM SAFARI ARE AVAILABLE IN APP. YOU MUST ADD A FILE TO YOUR SERVER, SET IT UP IN YOUR APP, BUT THEY SHOULD LINK.

PASSWORDS ARE NOW AWARE OF SETUP VS PASSWORD CHANGE SCREEN.

KEYCHAIN: APPS CAN BE GROUPED. EXTENSIONS SHARE THE AUTH OF THE APP.

TOUCH ID: YOU CAN CHECK THE CURRENT USER IS VALID USING TOUCH ID/LOCAL AUTHENTICATION.

THESE ENCRYPTED ITEMS WILL NOT SYNC OR BACKUP, LOCAL ONLY (TRUSTING SECURE ENCLAVE RATHER THAN TRUSTING THE OS).

EXAMPLE: PARENTAL CHECK; ADD SECOND FACTOR TO EXISTING AUTH.

RETURNS YES/NO - NOT A UNIQUE ID OR ANYTHING.

EXTENSIONS

ACTION EXTENSIONS, CUSTOM KEYBOARD, DOCUMENT PICKER, PHOTO EDITOR EXTENSION, SHARE EXTENSIONS, TODAY EXTENSION.
SHARING EXTENSIONS HAVE ABILITY TO TRIGGER ON VARIETY OF THINGS SUCH AS TRIGGER ON A WEB URL, OR A WEB PAGE, NIFTY.
FOR NOTIFICATION CENTRE WIDGETS (TODAY EXTENSION) - YOU IMPLEMENT A PROTOCOL METHOD WHICH UPDATES YOUR DATA AND TELLS NOTIFICATION CENTRE WHETHER NEW DATA OR NOT.
BUT BEWARE - YOU TAKE A BIG CHUNK OF DATA (SAY A VIDEO) IN TO YOUR EXTENSION FROM A HOST APP, WHAT IF THE HOST APP GETS KILLED? ERROR CATCHING IS A BIG ISSUE IN EXTENSIONS - MUCH MORE CAN GO WRONG.

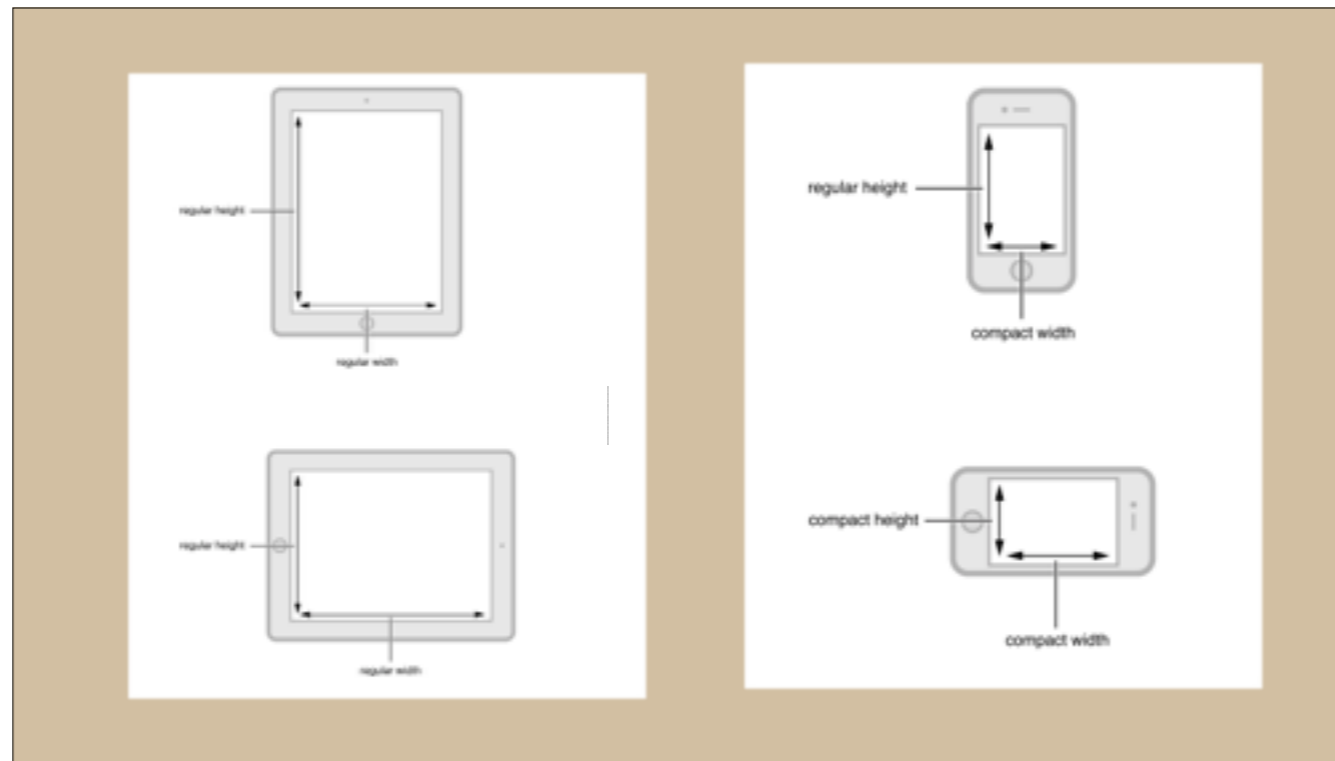
UNIFIED STORYBOARDS FOR UNIVERSAL APPS

ADAPTIVE UI THEY CALL THIS, YOU COULD THINK OF IT LIKE RESPONSIVE CSS, A BIT, SORT OF.

IT'S VERY EASY TO GET STARTED IN YOUR EXISTING APP, MAKING THINGS LOOK RIGHT ON IPHONE AND IPAD TAKES A LITTLE WORK BUT FAR LESS THAN CREATING SEPARATE STORYBOARDS.

IF YOU ARE A FAN OF INTERFACE BUILDER AND VISUALLY LAYING THINGS OUT, LIKE ME, IT'S VERY COOL.

WE NOW THINK IN TERMS OF SIZE CLASSES. <NEXT SLIDE>



IPAD: REGULAR, REGULAR IN BOTH PORTRAIT AND LANDSCAPE.

IPHONE: REGULAR, COMPACT - THAT SWITCHES AROUND FOR LANDSCAPE.

THERE IS ALSO ANY HEIGHT, WIDTH WHICH IS THE BASIC STARTING POINT. ESSENTIALLY YOU DESIGN FOR DIFFERENT SIZE CLASSES IN INTERFACE BUILDER.

SET BASICS IN YOUR ANY SIZE CLASS, THEN CUSTOMISE FOR SPECIFIC SCREEN SIZES FROM THERE.

WHAT SHALL WE TALK ABOUT IN THE FUTURE?

THAT'S JUST SMALL TASTE OF A SMALL SUBSET OF SOME OF THE NEW THINGS WE NEED TO GET OUR HEADS AROUND!
SO, WHICH OF THESE - OR ANY OTHER - TOPICS SHOULD WE TALK ABOUT OVER FUTURE NSBELFAST MEETUPS?

THANK YOU :)

@BAZSCOTT

THANKS FOR LISTENING



DOWNSTAIRS

@BAZSCOTT

BEERS AND CONVERSATIONS WILL CONTINUE DOWNSTAIRS