



Sarina DuPont 23 Sep 2019

The mobile landscape is changing frequently.

iOS 13, released on September 19th, introduces a system-wide Dark Theme.

Many software applications today provide the option for switching between a light and dark theme, including Delphi and C++Builder. Dark themes provide a better experience for users who like to work at night or in low light environments.

With iOS 13, developers can choose to support either light or light and dark application theming when building their application. When providing support for both, end users can change between themes at will through the new iOS 13 system setting.

In RAD Studio 10.3.3\*, we will offer Dark Theme support for our Delphi and C++Builder customers. This will include support for detecting the user's iOS setting and automatically switching between the dark and light theme without requiring an application restart. Developers will also be able to limit their application UI to just the light theme if they wish, by adding a new key in Application > Version Info.

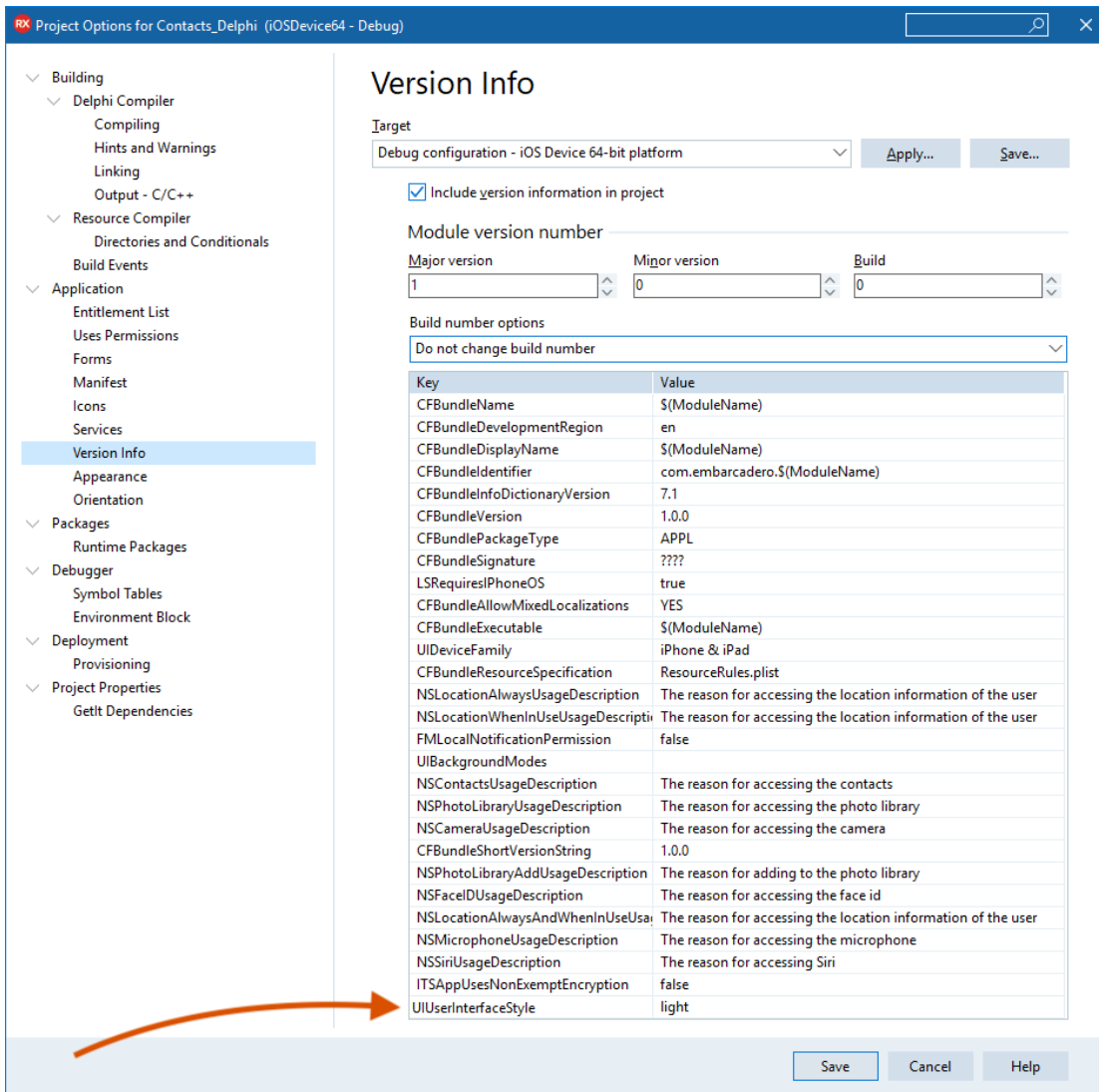
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Shown: 10.3.3 Sugarloaf beta build with support for setting a custom key for iOS 13 light theme support

If a developer doesn't specify the key in *Version Info*, customers will see either the dark or light theme, depending on the iOS setting on the user's iOS 13 device. The enhanced support in 10.3.3 also extends to the system status bar, providing support for both themes.

In 10.3.3\*, we're introducing Dark Theme support for inbuilt FireMonkey controls on iOS. For developers using components such as TEdit and TSwitch that support native presentation on iOS alongside FMX style rendered controls (using the default platform style), the application will be rendered with either the light or dark theme on iOS 13, depending on the user's device settings.

For 10.4\*, we are considering adding an option in the IDE for switching between light and dark themes at design time.

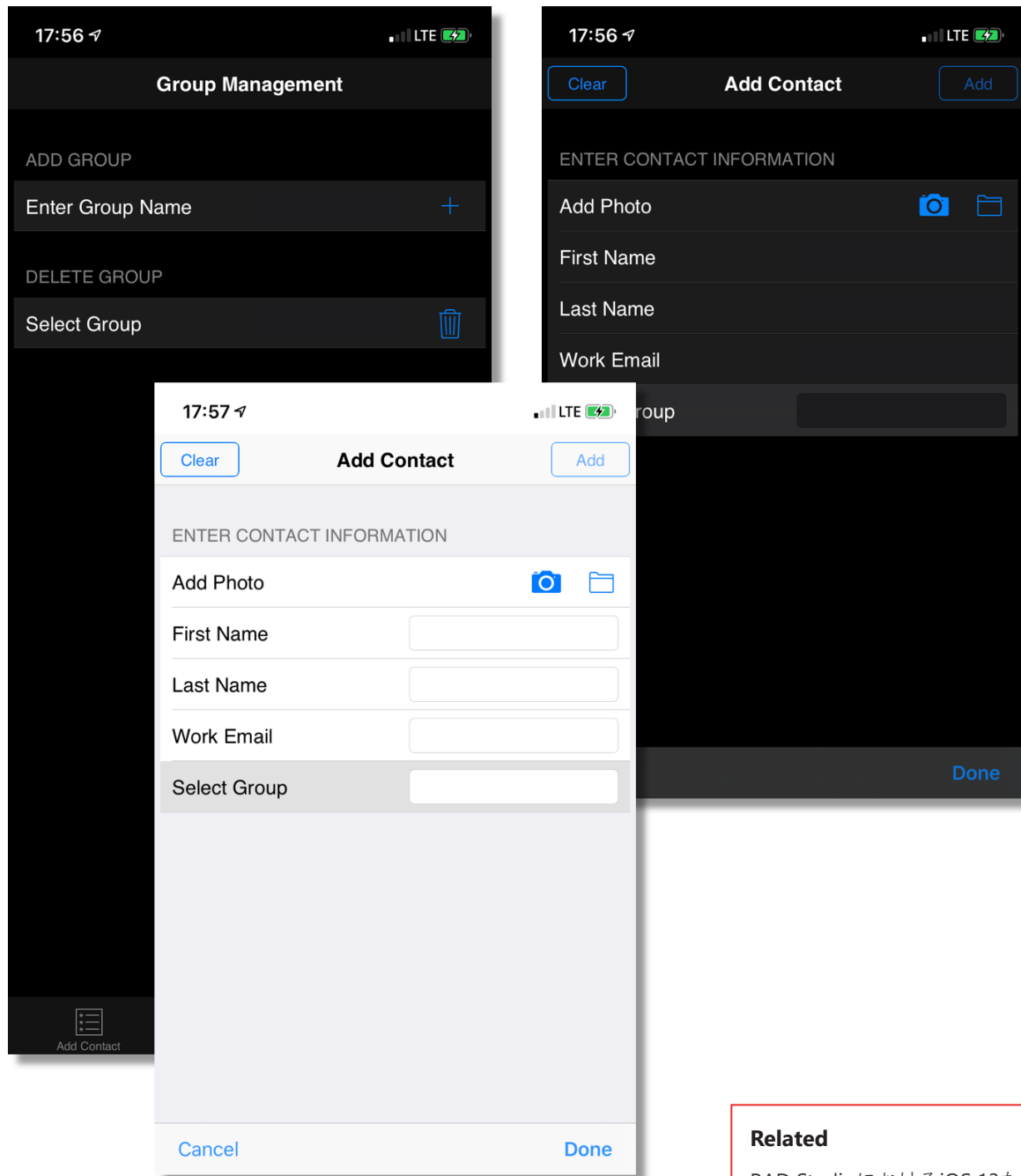
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Please note that 10.3.3 is currently in *Beta* and available to all Update Subscription customers. If you're interested in joining the Beta, please contact your Embarcadero sales representative.



Shown: Address Book sample app deployed to an iPhone X series device with both dark and light theme support

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Customers on Update Subscription can join our 10.3.3 NDA beta, codenamed Sugarloaf, to try out our Dark Theme support in an upcoming beta build. We also provide a Eula waiver, allowing beta testers to submit iOS apps to the App Store with Dark Theme support, using the 10.3.3 beta.

Apple recently [posted](#) that come April 2020, both app updates and new apps will need to be built with the iOS 13 SDK and will need to support “the all-screen design of iPhone XS Max or later”.

Being on Subscription does not only give you access to the latest product releases as we continue to add and expand our platform support, add new features and quality improvements, but also gives you the opportunity to join our NDA beta program to get early access to what Embarcadero is working on.

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## Building for Android?

As of August 1st, 2019, applications in the Google Play Store must support 64-bit.

We worked with the Google Play Store team on an Android 32-bit extension for Delphi and C++Builder customers. This allows customers with existing Google Play Store apps to request an extension to the 64-bit requirement. Embarcadero customers can submit extension requests for Android 32-bit app updates to existing Google Play Store applications until October 1st, 2019. Once a request has been granted, customers can keep submitting updates to existing apps until August 2020.

In August, we published an [updated Roadmap](#) and plans for the Delphi Android 64-bit 10.3.3 beta.

Links:

- [Google Play Store Android 32-bit Extension For Delphi and C++Builder Customers](#)
- [Additional information regarding requesting a Google Play Store extension](#)
- [August 2019 Delphi Android Beta Plans & August Roadmap Update](#)

We’ve since kicked off the 10.3.3 Sugarloaf NDA beta which includes a Eula waiver, allowing developers to build Delphi Android 64-bit apps for the Google Play Store with the beta build. If you’re on Update Subscription and not part of the beta and would like to join, please contact your Embarcadero sales

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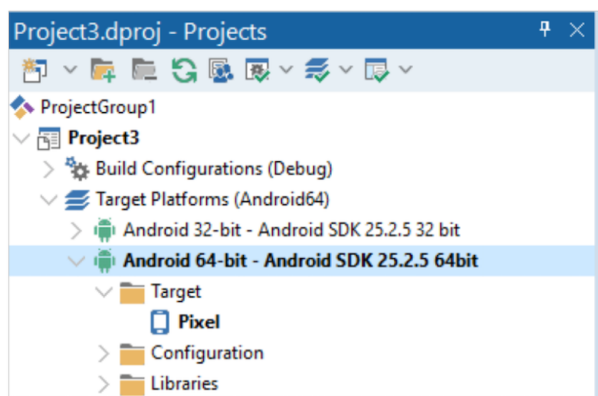


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representative.



Shown: 10.3.3 Sugarloaf beta build with Android 64-bit support, targeting a Google Pixel device

**Note: These plans and roadmap represent our intentions as of this date, but our development plans and priorities are subject to change. Accordingly, we can't offer any commitments or other forms of assurance that we'll ultimately release any or all of the described products on the schedule or in the order described, or at all. These general indications of development schedules or "product roadmaps" should not be interpreted or construed as any form of a commitment, and our customers' rights to upgrades, updates, enhancements and other maintenance releases will be set forth only in the applicable software license agreement.**



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4 comments 0 members are here



**Carsten V9415** 22 days ago +3

Hi Sarina, thank you for the update and looking forward to those features. Great to see dark-mode support f...



**Carsten V9415** 22 days ago

Hi Sarina, thank you for the update and looking forward to those features. Great to see dark-mode support for iOS. Is the same planned for MacOS? And... any word on how to submit apps to Apple now that Application Loader is no longer part of Xcode?



**Sarina DuPont** 6 days ago in reply to **Carsten V9415**

Hi Carsten,

Since Application Loader is no longer available, you can't perform the same tasks.

See <https://help.apple.com/asc/appsaltool/#/apdS605f>

1. Validate the iOS/macOS archive to determine whether

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2. After receiving the confirmation that the iOS/macOS archive has no error, upload it to the **App Store**:

```
xcrun altool --upload-app -f file -t platform -u username -p password
```

Note: 'RAD Studio' generates archive files inside the **scratch directory**, for example:  
/Users/Username/PAServer/scratch-dir/Username-ConnectionProfileName/Project1.pkg

Regards,

Sarina



**Vinicius Rocha** *23 days ago*

I have an active subscription but I don't have beta access



**Sarina DuPont** *6 days ago in reply to Vinicius Rocha*

Hi Vinicius,

If you're current on subscription, and would like to be invited to the 10.3.3 NDA beta, please contact your Embarcadero sales representative.

Regards,

Sarina

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