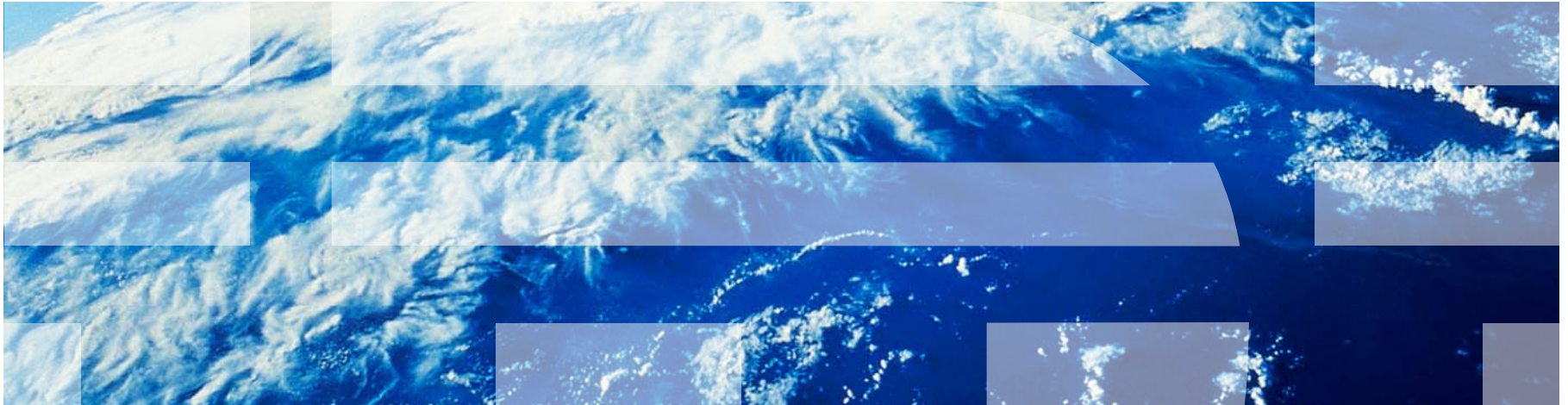


IBM Worklight V6.1.0 Getting Started

Using Direct Update to quickly update your application



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Agenda

- About Direct Update
- Advantages
- Restrictions
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- User experience

About Direct Update

- With Direct Update, hybrid iOS and Android applications can be updated automatically with new versions of their web resources, without involving the user.
- Hybrid applications are written in HTML and can access native device features, and the application web resources can be downloaded on the users' device, like mobile web applications.

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Advantages

- As with mobile web applications, organizations can now ensure that users always use the latest version of the application.
- There is a better control of application versions, by notifying users of pending updates or preventing the use of obsolete versions.
- Time for the application store review process is reduced.
- Updates that are deployed to the Worklight® Server are automatically pushed to user devices.
- Pushing an update silently without user interaction is also possible.

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Restrictions

- Direct update of application web resources:
 - Support for iOS and Android only.
 - Update is for the app web resources only.
 - To update native resources, you must upload a new version to the Apple App Store or Google Play.

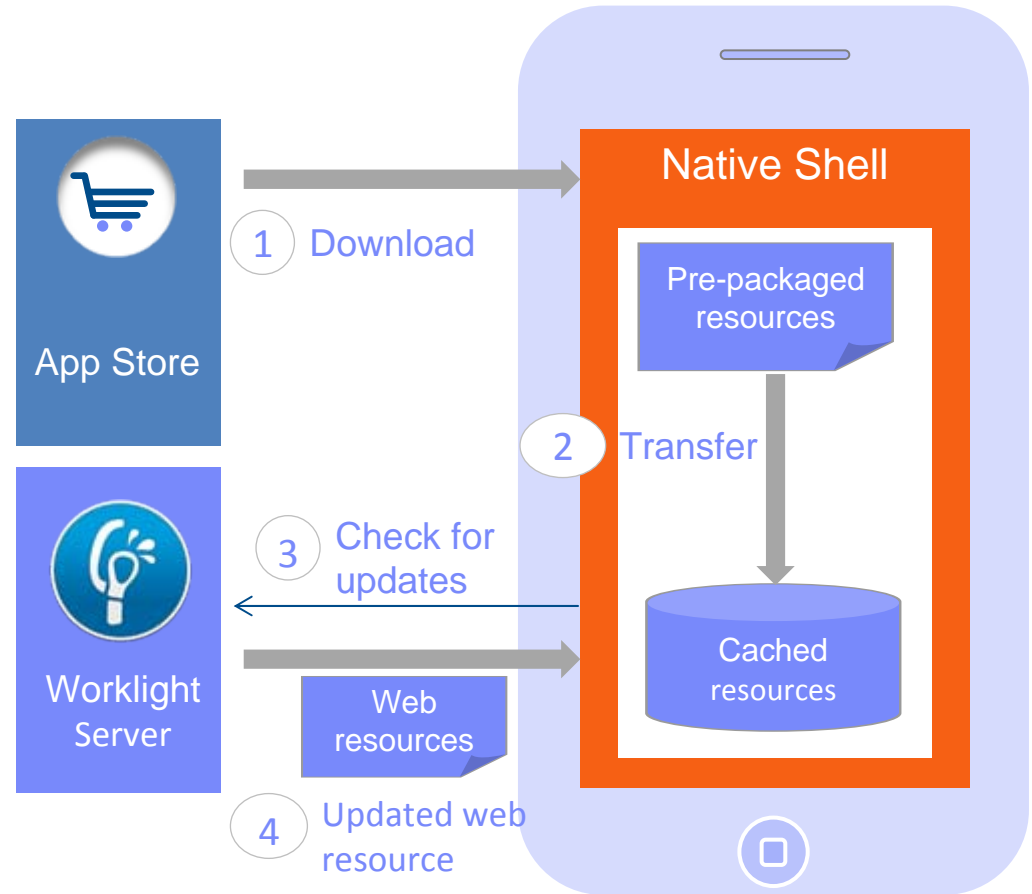
- OS-specific restrictions:
 - Android: no restrictions
 - iOS:
 - B2C: according to the terms of service of your company; usually at least bug fixes are allowed
 - B2E: through the iOS Developer Enterprise Program

Agenda

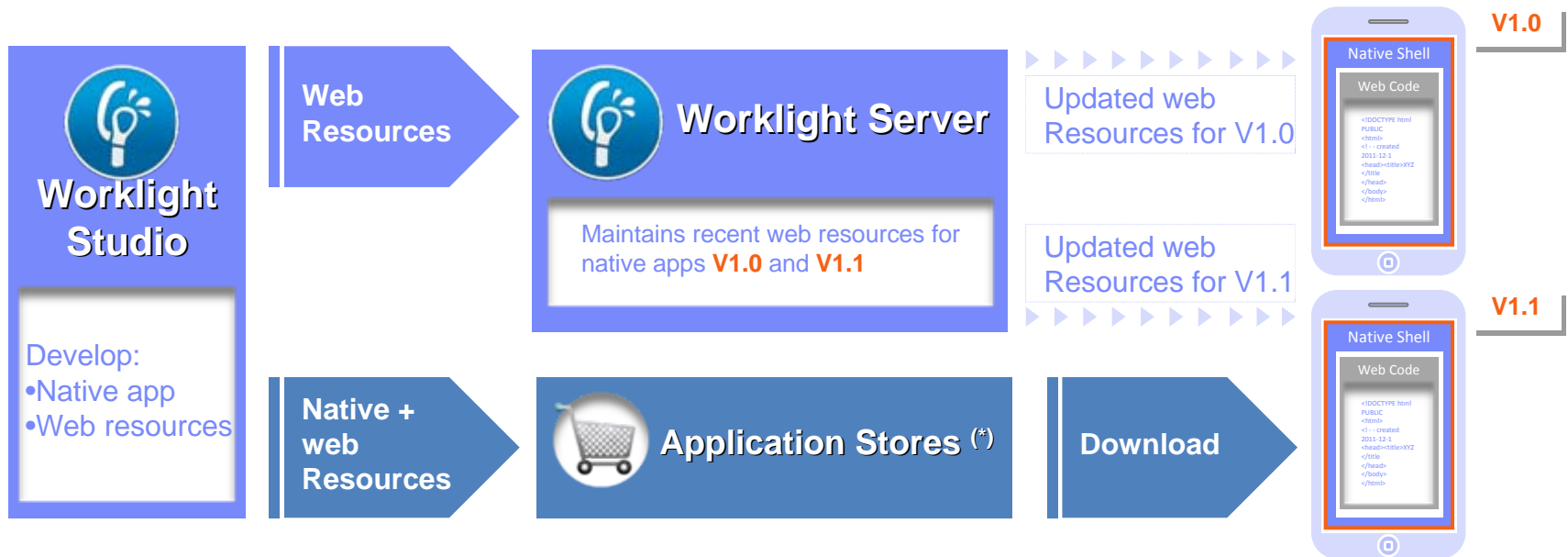
- About
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Internal function

- Web resources are initially packaged with the application to ensure first offline availability.
- Web resources are transferred to cache storage in the application.
- The application checks for updates:
 - At startup
 - On return to foreground
- Updated web resources are downloaded when necessary.



Distribution



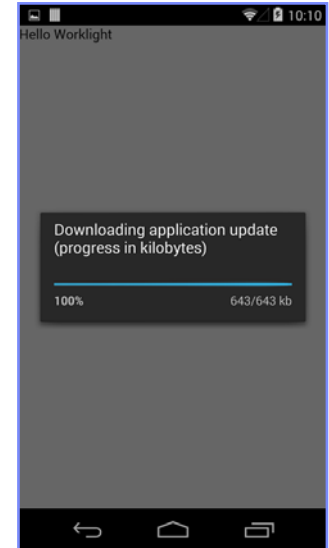
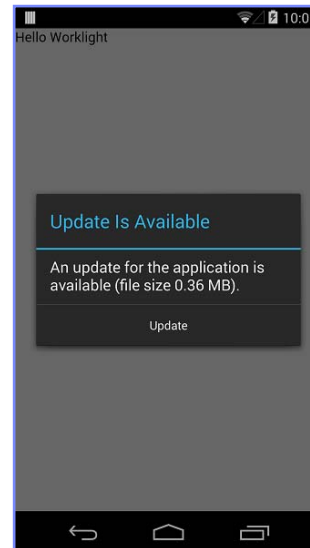
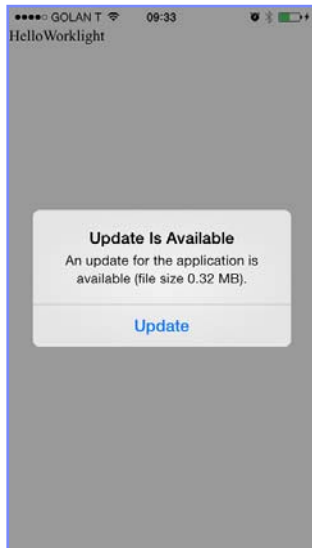
(*) During development cycles, testers automatically get recent web resources through internal distribution mechanisms and not through application stores.

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User experience

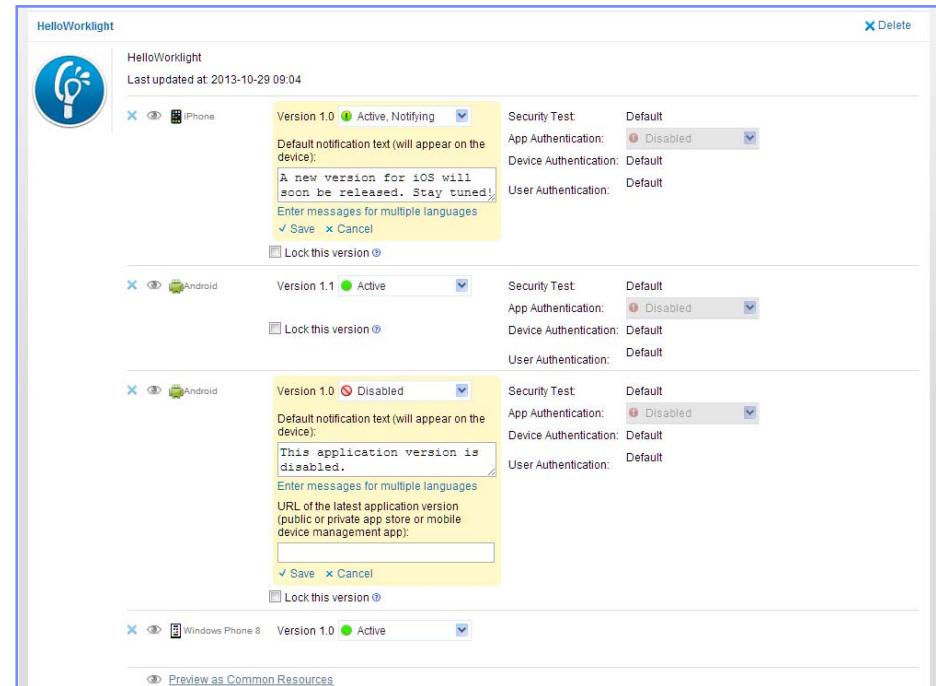
- Detection at startup and foreground
- Dialog for easy user selection
- Application download progress bar



- The web part of the application is automatically reloaded after update

Disabling old application versions

- You can use the Worklight Console to prevent users from using obsolete versions and to notify users about available updates.
- Clarification: The Remote Disable feature only prevents users from interacting with the Worklight Server; that is, it prevents the app from fetching new data. The application itself is still accessible.
 - Any action in the application that requires server connectivity is blocked
 - It is possible, in addition, to provide a link to the app store to download an updated app version to resume full use of the application.
 - It is possible to override this and create a customized experience by using `onErrorRemoteDisableDenial`.
 - For more information, see the IBM Worklight user documentation.



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