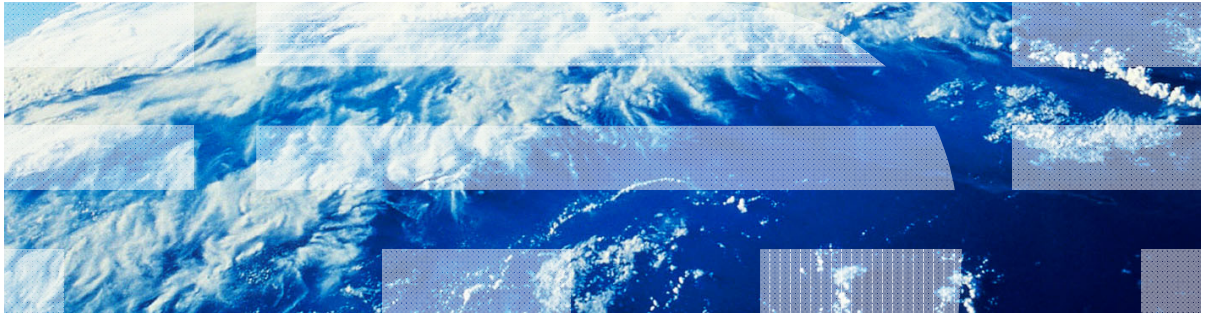


# ***IBM Worklight V5.0.5 Getting Started***

## **Module 17 – Direct Update**



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# Agenda

- About Direct Update
- Advantages
- Restrictions
- Internal function
- User experience

## ***About Direct Update***

- With Direct Update, hybrid iOS and Android applications can automatically be updated 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 applications web resources can be downloaded on the users' device, like mobile web applications.

# Agenda

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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 blocking the access of obsolete versions.
- Time for the application store review process is reduced.
- Applications deployed to the Worklight® Server are automatically pushed to users' devices.

## Agenda

- About Direct Update
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- **Restrictions**
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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 application store.
  
- OS-specific restrictions:
  - Android: no restrictions
  - iOS:
    - B2C: per the terms of service of your company; usually at least bug fixes are allowed
    - B2E: through the enterprise developer program

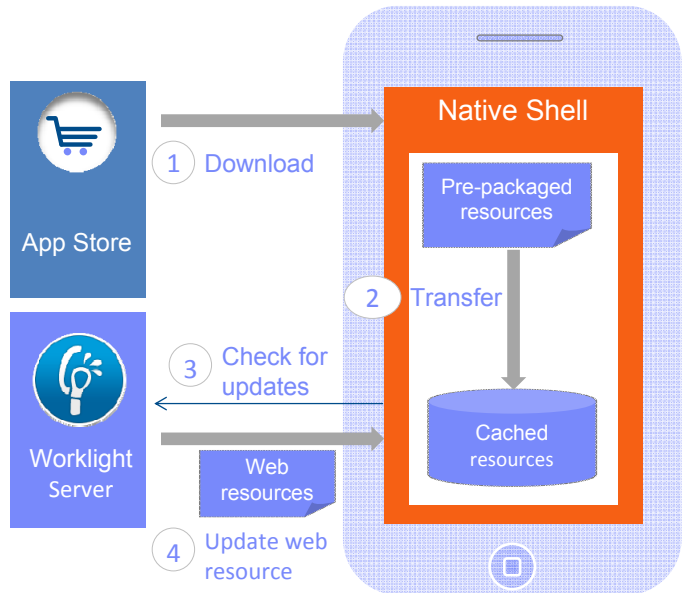


# **Agenda**

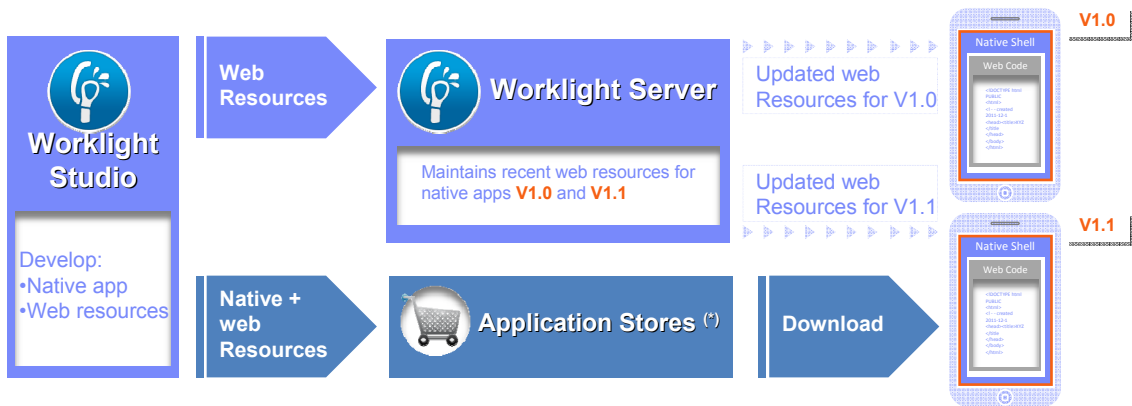
- About
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## Internal function

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



# Distribution



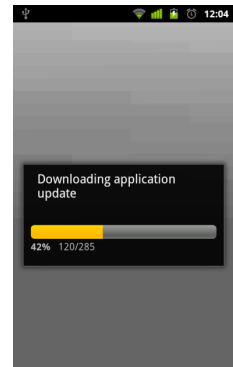
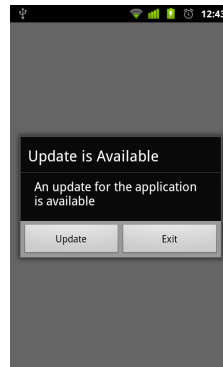
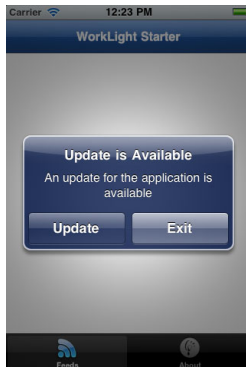
(\* ) During development cycles, testers automatically get recent web resources through internal distribution mechanisms and not application stores.

## **Agenda**

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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 disable obsolete versions and notify users about available updates

 iPhone	Version 1.0 <span>● Active</span> <input type="button" value="v"/>
 Android	Version 1.1 <span>● Active</span> <input type="button" value="v"/>
 Android	Version 1.0 <span>● Disabled</span> <input type="button" value="v"/>
	Notification text (will appear on the device): <input type="text" value="this application version is no longer supported."/>
	URL to app store or market: <input type="text"/>
 BlackBerry	Version 1.0 <span>● Active</span> <input type="button" value="v"/>
 Windows Phone	Version 1.0 <span>● Active</span> <input type="button" value="v"/>
 iPad	Version 1.0 <span>● Active</span> <input type="button" value="v"/>

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