



Cloud Storage Integration into the Enterproid Divide Platform

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Abstract

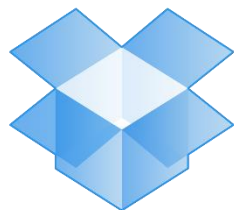
Cloud storage, a model of networked enterprise storage which allows people to conveniently access files across various devices, has become a hot topic nowadays.

To facilitate convenience and security of performing cloud storage operations, we cooperated with Enterpoid Inc. to develop a secure Android Cloud Storage Integration on Divide™ Platform, which enables users to read and manage cloud-based documents from multiple cloud drives and local documents in a convenient and secure way.

Objective

To merge Box, Dropbox, Google Drive and OneDrive's files into existing Divide File application. The following objectives were achieved:

1. Provide secure cloud-based file sharing plug-ins for Divide File application
2. Facilitate interactions between files in different cloud drives



Dropbox



Google Drive

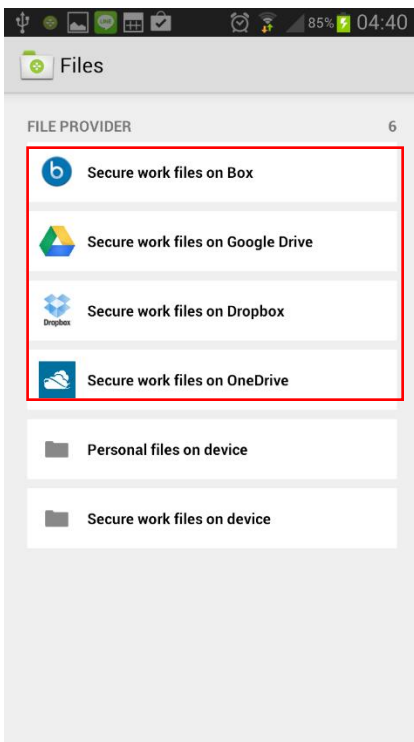
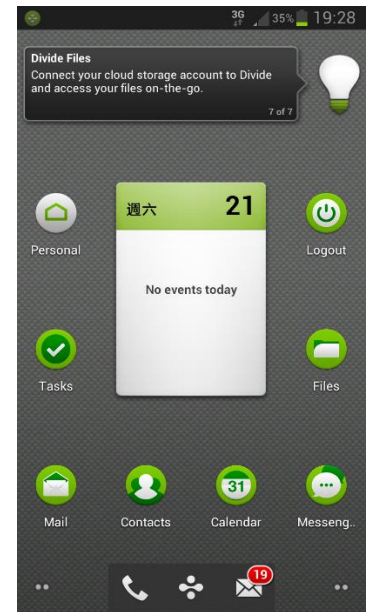


OneDrive

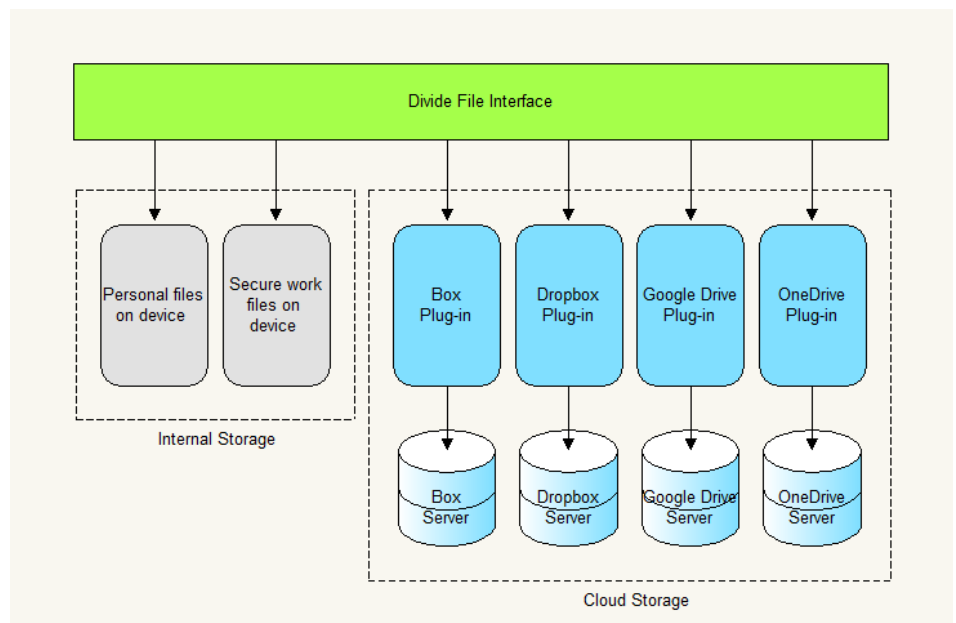
Divide Platform

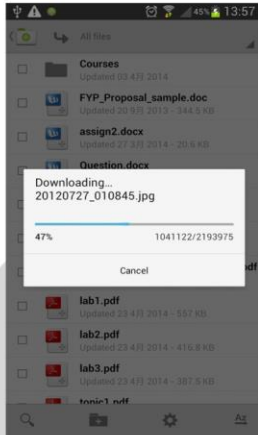
Divide is a workspace management system for mobile devices designed by Enterproid. It creates a separate and secure enterprise workspace on users' personal smartphones or tablets. With Divide, users can use their mobile devices to access privileged work data and applications.

Divide File is an existing application to manage personal files and secure work files on users' devices. In this project, we have developed new plug-ins for secure work files on Box, Dropbox, Google Drive, which can be managed seamlessly from the Divide File application.

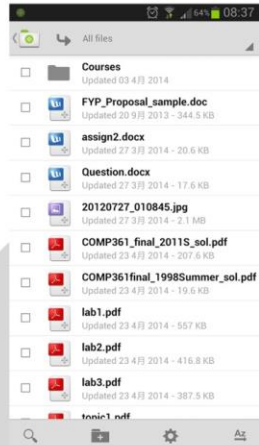


Each of the three cloud drive plug-ins uses its corresponding API to access the user's files on the corresponding cloud drive. Hence, all cloud-based files on the cloud drives can be accessed through the interface of the new integrated Divide File interface, just as personal files and secure work files on the device can also be accessed.

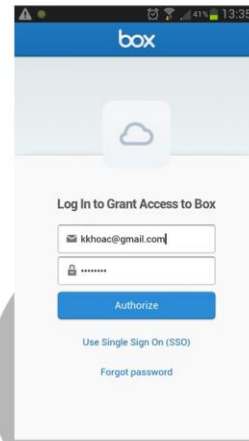




Download files

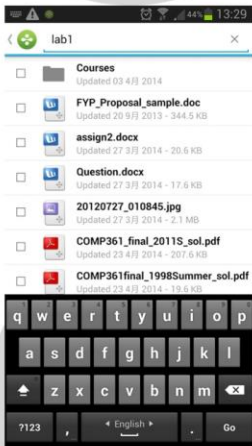


List files

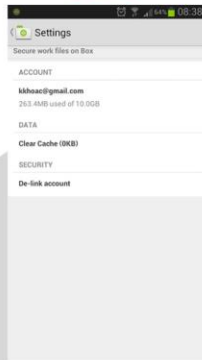


Login

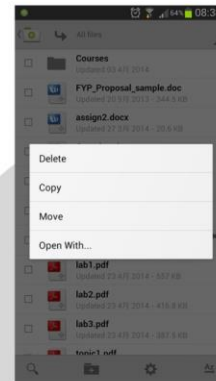
Features



Search files



Settings



Manage files

Achievement

In the project, we have spent 6 months to work with Enterproid Inc. to successfully merge Box, Dropbox and Google Drive file plug-ins into the Divide File Android app, while we failed for OneDrive, to allow users to access and manage all their documents from various cloud drives/local storage in Divide File application.