



ANDROID

Bootcamp

2014

News Reader

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DEVELOPERACADEMY

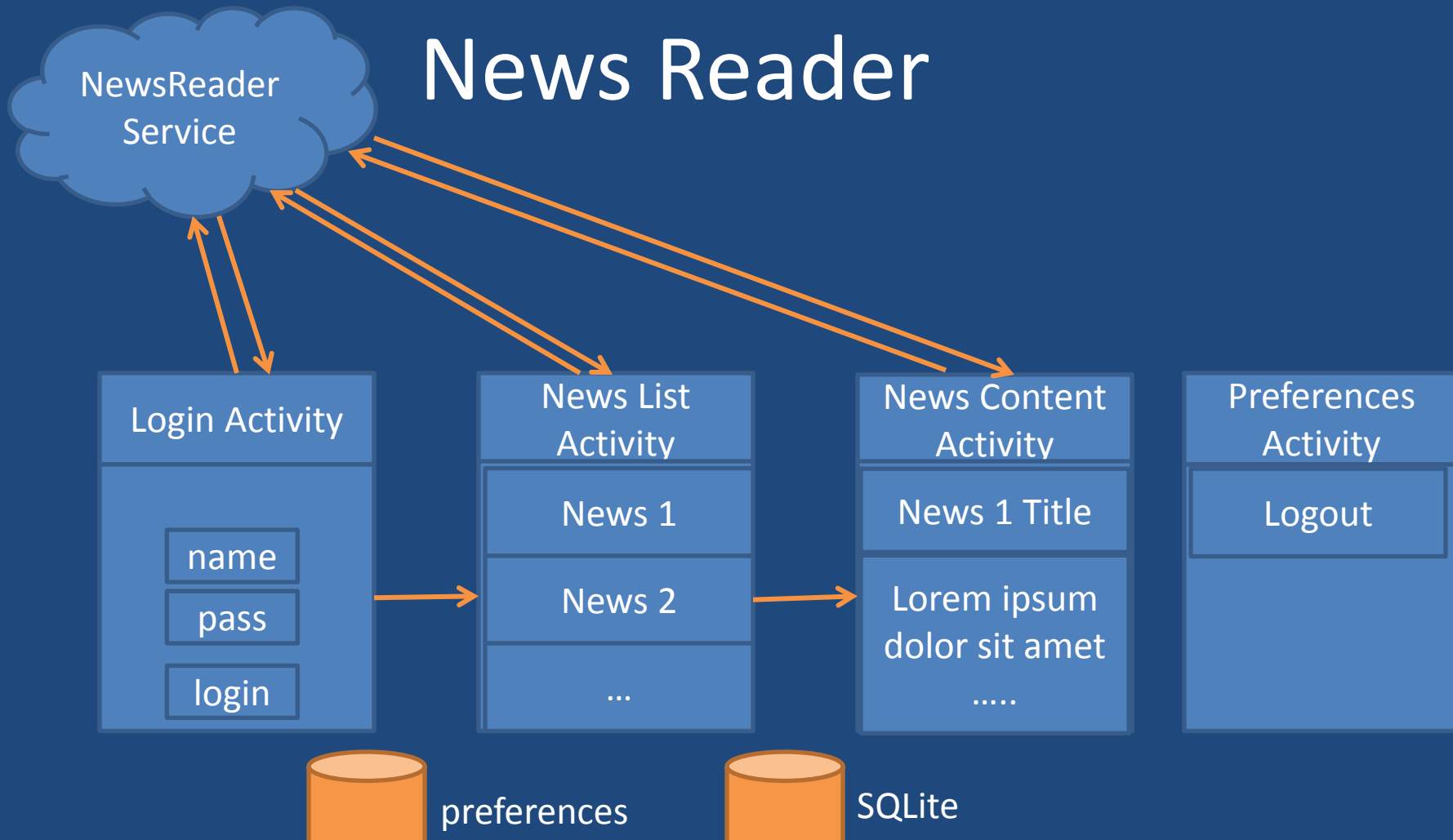
Agenda

- UI flow and components
- More on networking
- SQLite
- Preferences
- ListView and Adapter

News Reader Service API

- Login
- News List
- News Content

News Reader



Hands On

- Create login activity
- POST Login request
- Store Login data



SQLite

- SQLite is a software library that implements a self-contained, serverless, zero-configuration, transactional SQL database engine.

Database Operation

- CRUD : Create, Read, Update, Delete

INSERT into table ...

SELECT from table ...

UPDATE table ...

DELETE from table ...



Hands On

- Read login data
- GET News List
- Store news into SQLite
- Add refresh button to action bar

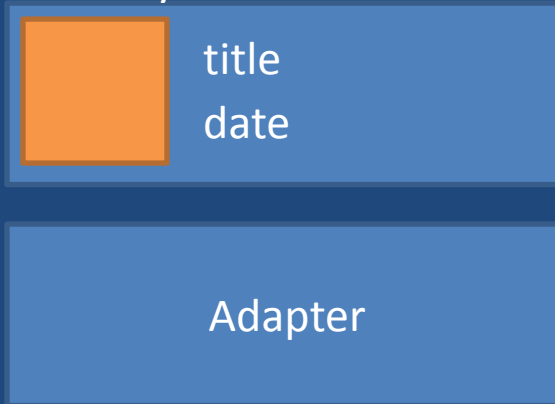


Listview

Listview



Row layout



Adapter

- Bridge between an AdapterView and the underlying data for that view. The Adapter
- Provides access to the data items.
- Responsible for making a View for each item in the data set.

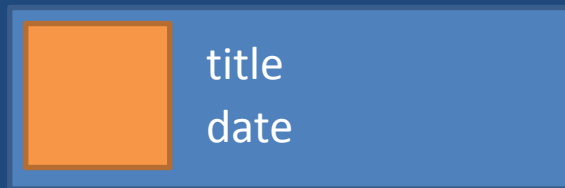
Hands On

- ListView
- Row layout
- Adapter
- Cursor

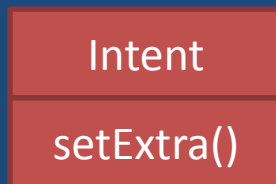
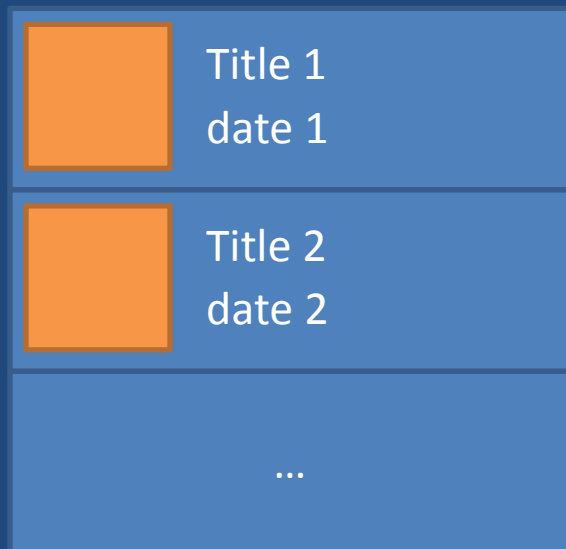


Image

- UIImageView
- Download Image then show



News Content



Hands On

- ImageView
- News Content



Hands On

- Sharing using Intent



