

Preferences

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Introduction

- Shared Preferences
- Saving and Retrieving
- Preference Screen
- Preference Activity
- Other Storage Options

What are Shared Preferences?

- A way to store persistent information for you application
- Multiple sets of preferences allowed
- Two levels
 - Activity
 - Application
- Different than saving state



Why Use Shared Preferences?

- You have small amounts of data that needs to be saved
- Easier than writing to a file or database
- User settings



What Can we do With Shared Preferences?

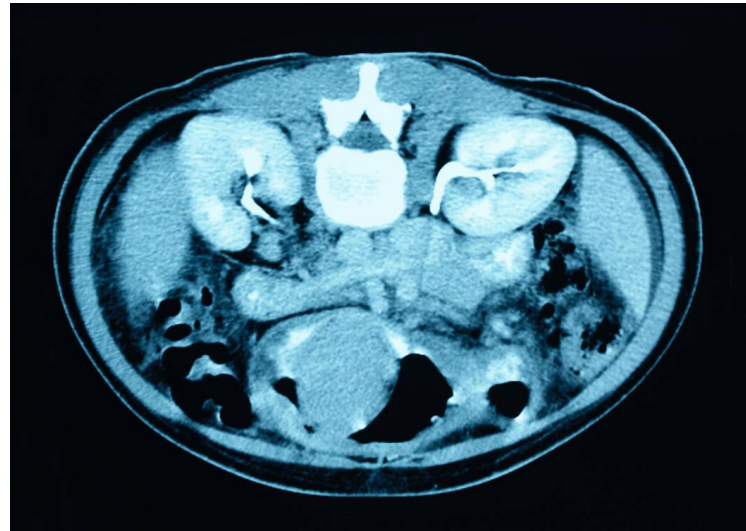
- Persist the data between invocations of the application
- Persist data across activities in an application
- Respond to preference changes through handlers



Other Storage Options

■ Internal Storage

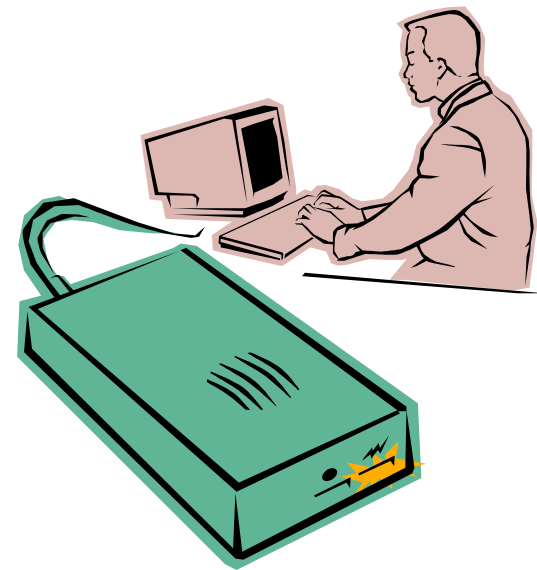
- Like isolated storage
- Removed with your app
- Basically just writing to a file



Other Storage Options

■ External Storage

- Like internal but it can be an SD card or other user accessible location
- Can be mounted via USB
- Check before available before using
- Android specific directories available



Other Storage Options

- **Databases**

- SQLite
- Sqlite3 tool
- You have to create and delete tables
- Uses cursors for querying data



3	+2.688
0	+5.000
1	+1.500
0	+1.125
0	+1.062

Summary

- Shared preferences
- Saving and retrieving
- Creating a preference screen and activity
- Other storage options



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