



Android Service

Dimitar Ivanov

Mobile Applications with Android

Telerik Software Academy

<http://academy.telerik.com>

Application Building Blocks

Activity

- UI Component Typically Corresponding to one screen.

IntentReceiver

- Responds to notifications or status changes. Can wake up your process.

Service

- Faceless task that runs in the background.

ContentProvider

- Enable applications to share data.

Activities

1. Provides **User Interface**
2. Usually represents a **Single Screen**
3. Can contain one/more **Views**
4. **Extends** the **Activity** Base class

Services

1. **No User Interface**
2. Runs in **Background**
3. **Extends** the **Service** Base Class

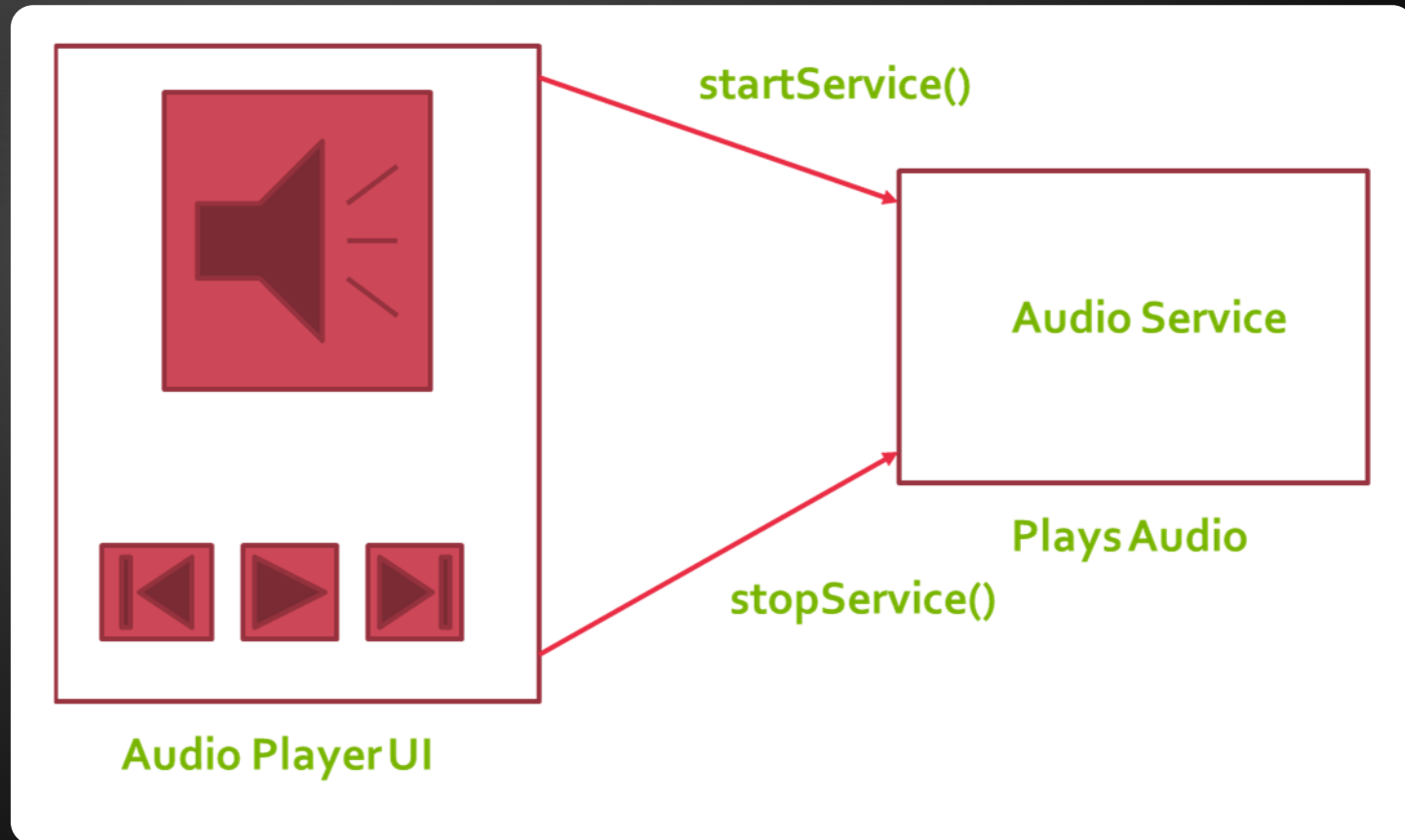
Application= Set of Android Components

Intent/Broadcast Receiver

1. **Receives and Reacts to broadcast Intents**
2. No UI but **can start** an Activity
3. **Extends the BroadcastReceiver** Base Class

Content Provider

1. **Makes application data available to other apps**
2. **Data stored in SQLite database**
3. **Extends the ContentProvider** Base class



Demo



Questions?

1. Implement the following application

