

Accessing Remote Service & JSON Parsing



Agenda

- ☐ gRPC
- ☐ JSON Parsing
- ☐ DOM Parsing
- ☐ SAX Parsing

JSON Parsing in Android

- The greatest replacement for XML is the independent data exchange format known as JSON.
- Android has four distinct classes for working with JSON data. Which are:
 - **JSONArray**
 - **JSONObject**
 - **JSONStringer**
 - **JSONTokenizer**

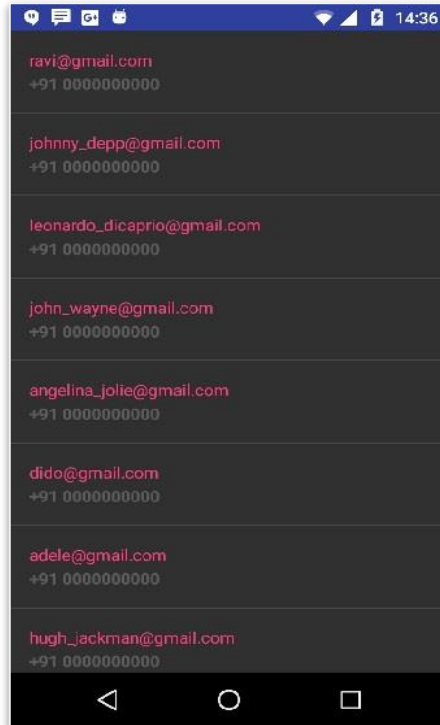
JSON Elements in Android

- **Array()**
- **Objects()**
- **Key**
- **Value**

JSON Parsing Methods in Android

- `get(String name)`
- `getBoolean(String name)Key`
- `getDouble(String name)`
- `getInt(String name)`
- `getLong(String name)`
- `length()`
- `names()`

JSON Parsing in Android



DOM Parsing in Android

- The DOM parser can also be used to parse XML documents.
- XML files can also be produced using it.

SAX Parsing in Android

- Android has the ability to use SAX parsers to analyse XML files.
- A SAX parser, in contrast to a DOM parser, can only be used to parse XML files; it cannot be used to produce XML files.
- A SAX parser uses less memory than a DOM parser, nonetheless.

Questions