Networking

Introduction

❖ The android platform includes networking classes that exist in Java SE, networking classes that were added as part of the android project and networking classes that belong to various other open source projects, such as those that belong to the Apache foundation.

The Java SE Networking Classes

- The android platform includes the java.net package. This package includes most of the Java SE networking classes.
- The Socket and the ServerSocket classes can be used when developing client-server applications based on the TCP/IP protocol.
- The HttpURLConnection class can be used for developing HTTP based applications.

The Java SE Networking Classes

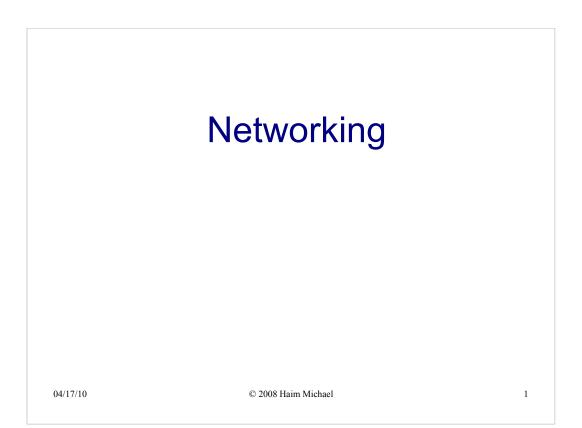
❖ The URL class can be used for the representation of a resource on the web.

The Android Networking Classes

- The android platform adds the android.net, android.net.http and the android.net.wifi packages.
- These packages include additional unique classes we can use when developing networking applications.

The Apache Networking Classes

The android platform includes the org.apache.http package. This package includes a big number of child packages, that include many other networking related classes.



Introduction

❖ The android platform includes networking classes that exist in Java SE, networking classes that were added as part of the android project and networking classes that belong to various other open source projects, such as those that belong to the Apache foundation.

04/17/10 © 2008 Haim Michael 2

The Java SE Networking Classes

- The android platform includes the java.net package. This package includes most of the Java SE networking classes.
- The Socket and the ServerSocket classes can be used when developing client-server applications based on the TCP/IP protocol.
- The HttpURLConnection class can be used for developing HTTP based applications.

04/17/10 © 2008 Haim Michael 3

The Java SE Networking Classes

❖ The URL class can be used for the representation of a resource on the web.

04/17/10 © 2008 Haim Michael 4

The Android Networking Classes

- The android platform adds the android.net, android.net.http and the android.net.wifi packages.
- These packages include additional unique classes we can use when developing networking applications.

04/17/10 © 2008 Haim Michael 5

The Apache Networking Classes

The android platform includes the org.apache.http package. This package includes a big number of child packages, that include many other networking related classes.

04/17/10 © 2008 Haim Michael