

```
JavaScriptInterface.java x MainActivity.java x AndroidXMLParsingActivity.java x XMLParser.java x ChatActiv
1 package fi.oamk.webviewexample;
2
3 import android.content.Context;
4 import android.widget.Toast;
5
6 public class JavaScriptInterface {
7     Context mContext;
8
9     /** Instantiate the interface and set the context */
10    JavaScriptInterface(Context c) {
11        mContext = c;
12    }
13
14    /** Show a toast from the web page */
15    public void showToast(String toast) {
16        Toast.makeText(mContext, toast, Toast.LENGTH_SHORT).show();
17    }
18 }
19
```

```
JavaScriptInterface.java x MainActivity.java x AndroidXMLParsingActivity.java x XMLParser.java x ChatActiv
1 package fi.oamk.webviewexample;
2
3 import android.app.Activity;
4 import android.os.Bundle;
5 import android.webkit.WebSettings;
6 import android.webkit.WebView;
7
8 public class MainActivity extends Activity {
9     @Override
10    public void onCreate(Bundle savedInstanceState) {
11        super.onCreate(savedInstanceState);
12        setContentView(R.layout.main);
13
14        WebView webView = (WebView) findViewById(R.id.webview);
15        webView.addJavaScriptInterface(new JavaScriptInterface(this), "Android");
16
17        WebSettings webSettings = webView.getSettings();
18        webSettings.setJavaScriptEnabled(true);
19
20        webView.loadUrl("file:///android_asset/index.html");
21    }
22 }
23
```

WebAppEx app src main assets android.html

Project Structure: .idea, app (build, libs, src), androidTest, main (assets, java, res), AndroidManifest.xml, .gitignore, app.iml, build.gradle, proguard-rules.pro, assets

```
<!DOCTYPE html>
<html>
<head>
<script type="text/javascript">
    function showAndroidToast(toast) {
        Android.showToast(toast);
    }
</script>
</head>
<body>
<button type="button" onclick="showAndroidToast('Hello Android!')">Say Hello!</button>
</body>
</html>
```

