<instrumentation>

SYNTAX:

```
<instrumentation android:functionalTest=["true" | "false"]
                 android:handleProfiling=["true" | "false"]
                 android:icon="drawable resource"
                 android:label="string resource"
                 android:name="string"
                 android:targetPackage="string" />
```

CONTAINED IN:

<manifest>

DESCRIPTION:

Declares an `Instrumentation` class that enables you to monitor an application's interaction with the system. The Instrumentation object is instantiated before any of the application's components.

ATTRIBUTES:

`android:functionalTest`

Whether or not the Instrumentation class should run as a functional test — `"true"` if it should, and `"false"` if not. The default value is `"false"`.

`android:handleProfiling`

Whether or not the Instrumentation object will turn profiling on and off — `"true"` if it determines when profiling starts and stops, and `"false"` if profiling continues the entire time it is running. A value of `"true"` enables the object to target profiling at a specific set of operations. The default value is `"false"`.

`android:icon`

An icon that represents the Instrumentation class. This attribute must be set as a reference to a drawable resource.

`android:label`

A user-readable label for the Instrumentation class. The label can be set as a raw string or a reference to a string resource.

`android:name`

The name of the `Instrumentation` subclass. This should be a fully qualified class name (such as, `"com.example.project.StringInstrumentation"`). However, as a shorthand, if the first character of the name is a period, it is appended to the package name specified in the `<manifest>` element.

There is no default. The name must be specified.

`android:targetPackage`

The application that the Instrumentation object will run against. An application is identified by the package name assigned in its manifest file by the `<manifest>` element.

INTRODUCED IN:

API Level 1