

# aTrackDog Version Tracking Guide for Developers

## Customize your application with aTrackDog meta-data

### Abstract

*In this document you will learn:*

- \* How to avoid your beta version to be tracked by aTrackDog.*
- \* How to track non-Android-Market-application.*
- \* How to provide your users extra information (web, download link) for reference.*

### Introduction

*aTrackDog is a leading version tracking solution for the Android platform. Many of your users are using aTrackDog to track your applications' version. In aTrackDog 2.0, we introduce the meta-data scheme that provides a more active way for you to control your applications. You could add these meta-data into AndroidManifest.xml, and get benefits from aTrackDog to help your users tracking and downloading your applications.*

### 1. Avoid Tracking beta version

*While you create a developing or a test(alpha/beta) version and don't want aTrackDog to track this version. You could set "com.a0soft.gphone.aTrackDog.testVersion" meta-data into AndroidManifest.xml. Let's take "hello" application for example:*

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.a0soft.android.hello"
    android:versionCode="12"
    android:versionName="1.0.0">
  <application android:icon="@drawable/icon" android:label="@string/app_name">
    <meta-data android:name="com.a0soft.gphone.aTrackDog.testVersion"
      android:value="12" />
    <activity android:name=".Hello" android:label="@string/app_name">
      <intent-filter>
        <action android:name="android.intent.action.MAIN" />
        <category android:name="android.intent.category.LAUNCHER" />
      </intent-filter>
    </activity>
```

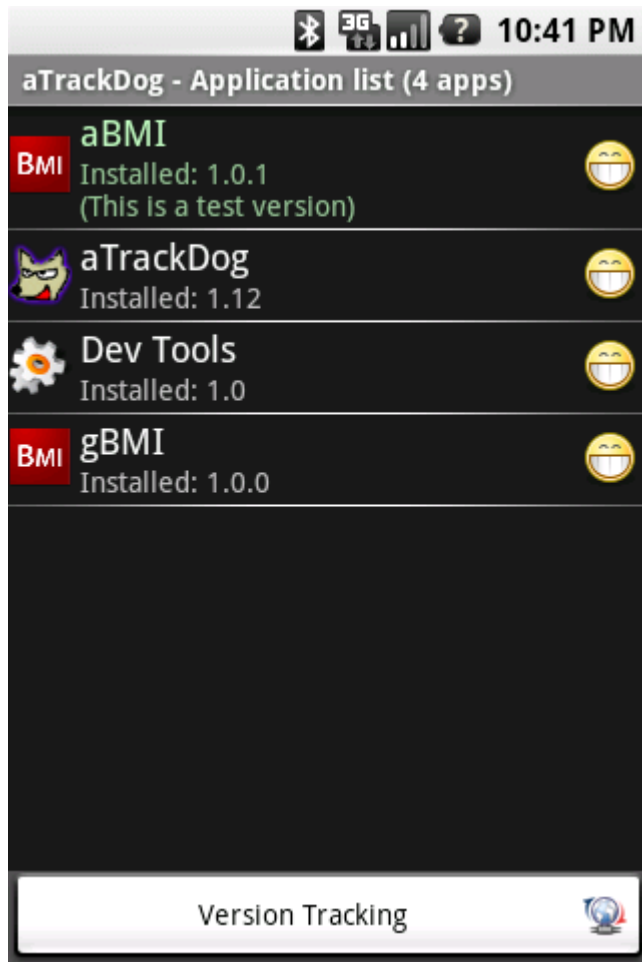
1 It must be set while "com.a0soft.gphone.aTrackDog.dlURL"(download link) is exist.

```
</application>
</manifest>
```

Note that the "com.a0soft.gphone.aTrackDog.testVersion" meta-data (we will call this meta-data 'testVersion' for short) should have the same value as "android:versionCode". aTrackDog will compare this meta-data to your application's "android:versionCode" setting. Once these two values are the same, aTrackDog won't deliver this version information to your users.

Beware that you should put meta-data WITHIN the application tag.

The testVersion will be shown in different color in aTrackDog:



If you feel the application is ready for public, you could remove the "testVersion" meta-data, or change the "android:versionCode" (and you don't need to modify or remove the "testVersion" meta-data) to a different value.

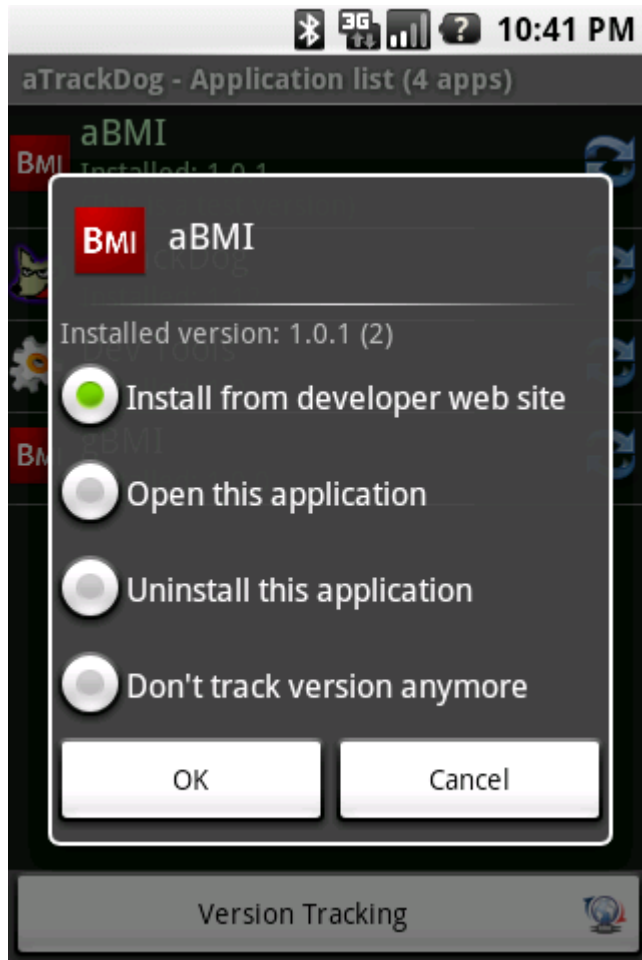
## 2. Tracking non-Android-Market-application

While you don't want to use Android market to host your application. You could set "com.a0soft.gphone.aTrackDog.noMarket" meta-data into AndroidManifest.xml. Let's take "hello" application for example:

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.a0soft.android.hello"
    android:versionCode="12"
    android:versionName="1.0.0">
    <application android:icon="@drawable/icon" android:label="@string/app_name">
        <meta-data android:name="com.a0soft.gphone.aTrackDog.noMarket"
            android:value="true" />
        <meta-data android:name="com.a0soft.gphone.aTrackDog.dlURL"
            android:value="http://app_download_link" />
        <activity android:name=".Hello" android:label="@string/app_name">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />
                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>
</manifest>
```

Note that the "com.a0soft.gphone.aTrackDog.noMarket" should be come with "com.a0soft.gphone.aTrackDog.dlURL". Since you developer should provide a download url for users if you don't want host your applications on Android Market.

Beware that you should put meta-data **WITHIN** the application tag.



### 3. Provide Web link for reference

You may noticed that when you tap some applications in aTrackDog applicaton list, it will pop-up with some extra options. One of them is 'visit developer web site'. Now you could set "com.a0soft.gphone.aTrackDog.webURL" meta-data into AndroidManifest.xml to enable this feature. Let's take "hello" application for example:

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.a0soft.android.hello"
    android:versionCode="12"
    android:versionName="1.0.0">
    <application android:icon="@drawable/icon" android:label="@string/app_name">
        <meta-data android:name="com.a0soft.gphone.aTrackDog.webURL"
            android:value="http://app_web_link" />
        <activity android:name=".Hello" android:label="@string/app_name">
            <intent-filter>
```

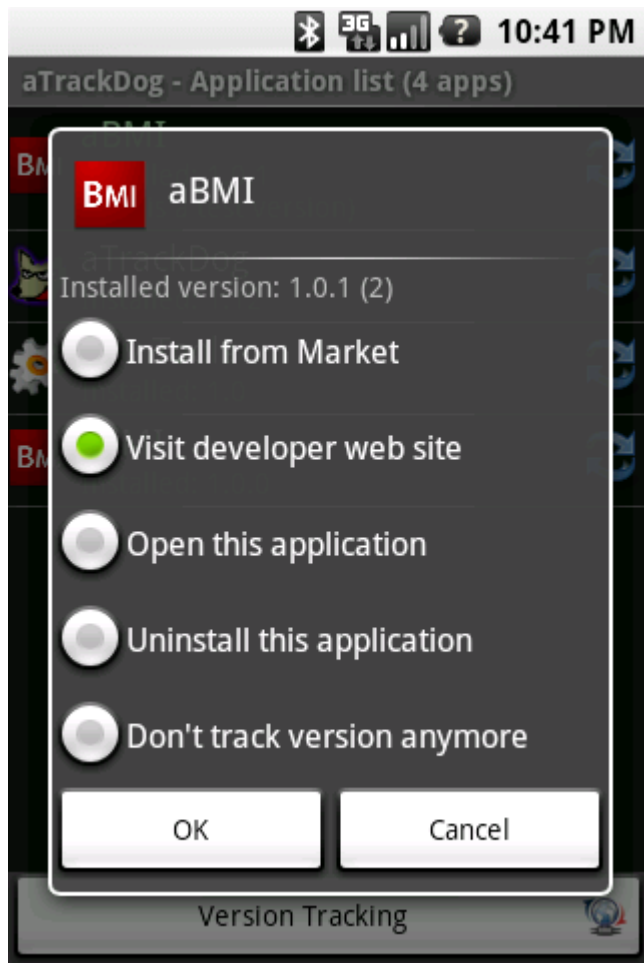
1 It must be set while "com.a0soft.gphone.aTrackDog.dlURL"(download link) is exist.

```

        <action android:name="android.intent.action.MAIN" />
        <category android:name="android.intent.category.LAUNCHER" />
    </intent-filter>
</activity>
</application>
</manifest>

```

Beware that you should put meta-data *WITHIN* the application tag.



## Meta-data

Here are the 4 meta-data that aTrackDog supports:

```

<meta-data android:name="com.a0soft.gphone.aTrackDog.testVersion" android:value="12" />
<meta-data android:name="com.a0soft.gphone.aTrackDog.webURL" android:value="http://web_link" />
<meta-data android:name="com.a0soft.gphone.aTrackDog.dlURL" android:value="http://download_link" />
<meta-data android:name="com.a0soft.gphone.aTrackDog.noMarket" android:value="true" />

```

1 It must be set while "com.a0soft.gphone.aTrackDog.dlURL"(download link) is exist.

android:name	android:value
com.a0soft.gphone.aTrackDog.testVersion	Specify the version code that you don't want aTrackDog to track.
com.a0soft.gphone.aTrackDog.webURL	Specify web link
com.a0soft.gphone.aTrackDog.dlURL	Specify download link
com.a0soft.gphone.aTrackDog.noMarket	Specify not show "Install from Market" option (*1)

1 It must be set while "com.a0soft.gphone.aTrackDog.dlURL"(download link) is exist.