Application states in MeeGo 1.2 Harmattan

This article explains the two states of an application in MeeGo 1.2 Harmattan

Introduction

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Application states

If your MeeGo 1.2 Harmattan (known as Harmattan in developer community) application is running, it may be in the following two states.

Application State	Description
Active State	1. The application is running in the foreground. 2. It can use more CPU and memory. 3. In case, If an active application uses more amount of memory and due to this, if all background applications have already been terminated, the out-of-memory situation can lead to the termination of the Active application.
Minimize State	1. The application is running in the background. 2. The application should not perform any background processing, unless this was explicitly requested by the user. 3. Applications must not update the UI when it is not visible to the end user. 4. When applications detect a transition to the Minimized state they should free system resources to avoid being terminated by system in case of out of memory condition. 5. When applications are in the Minimized state, they can be closed in two different ways: ▪ The end user closes the application from the task switcher UI. ▪ The system terminates the application. This happens if the system runs out of memory available for applications.

The change in the either of the state occurs by the user interaction. The application's state transition can be detected by **platformWindow.windowState**.

Following values can be retrieved from windowState:

- windowState.visible
- windowState.active
- windowState.animating
- windowState.viewMode
- windowState.Fullsize
- windowState.Thumbnail
- windowState.viewModeString

For Example,

```
if (platformWindow.active)
  // do something
else
  // do something
```

More Information

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