Bluetooth Control

Mobile AppDesigner Extension
for
Palm OS$^{©}$

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Version History

Version	Date	Changes
V1.0	2005-08-23	Initial release

1. Abstract

The Bluetooth Control for Palm OS$^©$ is an extension for the Rapid Application Tool **Mobile App Designer** from Thacker Network Technologies Inc. It allows to develop applications for Palm OS$^©$ which are controlling the Bluetooth radio of the device.

Supported Devices:

Handhelds with PalmOS 5.0 or higher:
- Tungsten T
- Tungsten T2
- Tungsten T3
- Tungsten T5
- Tungsten E2
- Zire 72
- LifeDrive

- Zodiac I & II

Not supported:
- PalmOS 4.x with Palm SD Bluetooth card or other Bluetooth hardware extension
- Sony Clié TH55

- **Treo 650**:
  The extension will work proper on this device, but there might be some problems with the phone app during incoming calls. When the phone app starts it shows a dialog to switch Bluetooth on. If a call is incoming the device will not ring until this dialog is dismissed.

See the demo application for more details about implementing the extension in your application.

2. API Reference

The Bluetooth Control extension supports the following 3 functions, which are described in detail below:

1. BTC_State
2. BTC_Switch
3. BTC_About

2.1 BTC_State

Retrieve the current state of the Bluetooth radio.

Usage:

```
result  =  BTC_State()
```

Returns:

False	Bluetooth radio is OFF
True	Bluetooth radio is ON

2.2 BTC_Switch

Control the Bluetooth radio and switch it ON or OFF.

Usage:

```
result = BTC_Switch(state)
```

Returns:

Always 0

Passing the boolean value '*state*' results in:

False	Switch Bluetooth radio OFF
True	Switch Bluetooth radio ON

Note:
There is no need to check the current state of the Bluetooth radio before calling this function.