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# Topaz Release Notes

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*For the Windows Embedded CE 6.0 R3 Image and BSP*

*Release 298*

*Tuesday, 24 August 2010*

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## Release Contents

The contents of the release packages are described below. The release packages can be downloaded at this permanent link: <http://guruce.com/topaz/release/r298>

The release packages:

- 1) Topaz Release Notes r298.pdf
- 2) Getting Started with the Topaz.pdf
- 3) TopazSDKr298.msi
- 4) Topaz Image Binaries r298.zip
- 5) Topaz Binary BSP Users Guide.pdf
- 6) Topaz Binary BSP r298.zip

### Topaz Release Notes r298.pdf

This document.

### Getting Started with the Topaz.pdf

This document is a step-by-step guide to getting started with the Topaz Windows CE 6.0 R3 Image Binaries and describes how to develop software for the Topaz using Visual Studio 2008.

### TopazSDKr298.msi

This installer contains the Topaz Software Development Kit (SDK) needed to be able to develop applications for the Topaz using Visual Studio.

### Topaz Image Binaries r298.zip

This zip package contains the image binaries in .nb0 format (flat unformatted flash data). The .nb0 files can be flashed to the Topaz using the Topaz Flasher (<http://guruce.com/topaz-flasher>)

### Topaz Binary BSP Users Guide.pdf

This document is a step-by-step guide to getting started with the Topaz Windows CE 6.0 R3 Binary BSP and describes how to develop custom image binaries using Visual Studio 2005 with Platform Builder for Windows CE 6.0.

### Topaz Binary BSP r298.zip

This zip package contains the Topaz BSP in binary form and the standard Topaz OS Design. These can be used to create custom Windows CE 6.0 R3 images using Visual Studio 2005 with Platform Builder for Windows CE 6.0.

## Changelist

### Release 298

- Added missing CAN SDK function declarations
- Added some more GPIO functions and fixed some bugs in the GPIO & DDK MUX code
- Added GPIO driver and SDK
- Improved LCD autodetection
- Added GPIO SDK description to documentation

### Release 280

- Added SPI, CAN and GPT drivers to the image (bus access through SDK)

### Release 272

- Removed Jscript from kernel (was causing problems with pictures on guruce.com)
- Removed IE and related components from Topaz OS Design in Binary BSP package (debug build got too big for available memory on Topaz)
- Fixed SDK so it installs the documentation correctly on systems with VS2008 installed

### Release 256

- Fixed GPT SDK code
- Added revision information to copyrights tab of system control panel applet

## Known Issues and Limitations

Issue ID	Category	Description	Workaround
0000101	BSP	OTG port not working in host mode	Hardware problem. No workaround available
0000097	BSP	Ethernet LEDs not setup correctly after wakeup from suspend	No workaround available
0000078	BSP	ActiveSync not recognized on all PC's	Try other USB port or other machine.
0000132	OS Design	IE doesn't load flash on webpages	No workaround available

Guruce is working hard to resolve these issues as soon as possible. If you find any other bugs or components not working correctly, please send a bugreport to [topazbugs@guruce.com](mailto:topazbugs@guruce.com) using the template on the next page.

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*Revision: [rXXX]*

*Component: [USB/I2C/Active Sync/etc.]*

*Description of current behaviour:*

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*Description of expected behaviour:*

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*Steps to reproduce:*

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*Additional information:*

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## Support

GuruCE offers various support options:

- **Custom OS Design**  
If you don't have Platform Builder or don't have the time or expertise to generate an image using the Topaz Binary BSP we can do it for you. We'll create a Windows CE kernel for you according to your specific needs. We can even sort out the correct Microsoft CE licenses for you.  
Cost: 600 USD / 450 EUR
- **Source BSP**  
If you need to change or modify existing drivers or OAL code you can buy the complete source code of the BSP including all drivers. This package comes with 8 hours of dedicated support.  
Cost: 2400 USD / 1800 EUR
- **Extra support**  
16 hours of extra support, development services or consultancy for your project.  
Cost: 2400 USD / 1800 EUR

Please contact us directly for more support options and more detailed information on how we can help you:

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