```
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*
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*
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* arising in any way out of the use of this driver software, even if advised
* of the possibility of such damage.
*
*******************************************************************
* This driver supports the Adaptec I2O RAID and DPT SmartRAID V I2O boards.
*
* CREDITS:
* The original linux driver was ported to Linux by Karen White while at
* Dell Computer.  It was ported from Bob Pasteur's (of DPT) original
* non-Linux driver.  Mark Salyzyn and Bob Pasteur consulted on the original
* driver.
*
* 2.0 version of the driver by Deanna Bonds and Mark Salyzyn.
*
* HISTORY:
* The driver was originally ported to linux version 2.0.34
*
* V2.0 Rewrite of driver.  Re-architectured based on i2o subsystem.
*   This was the first full GPL version since the last version used
*   i2osig headers which were not GPL.  Developer Testing version.
* V2.1 Internal testing
* V2.2 First released version
*
* V2.3
*   Changes:
*      Added Raptor Support
*      Fixed bug causing system to hang under extreme load with
*         management utilities running (removed GFP_DMA from kmalloc flags)
*
*
* V2.4 First version ready to be submitted to be embedded in the kernel
*   Changes:
*      Implemented suggestions from Alan Cox
*      Added calculation of resid for sg layer
*      Better error handling
*         Added checking underflow conditions
*         Added DATAPROTECT checking
*         Changed error return codes
*         Fixed pointer bug in bus reset routine
*      Enabled hba reset from ioctls (allows a FW flash to reboot and use the
new
```

```
 *         FW without having to reboot)
 *      Changed proc output
 *
 * TODO:
 *      Add 64 bit Scatter Gather when compiled on 64 bit architectures
 *      Add sparse lun scanning
 *      Add code that checks if a device that had been taken offline is
 *         now online (at the FW level) when test unit ready or inquiry
 *         command from scsi-core
 *      Add proc read interface
 *         busrescan command
 *         rescan command
 *      Add code to rescan routine that notifies scsi-core about new devices
 *      Add support for C-PCI (hotplug stuff)
 *      Add ioctl passthru error recovery
 *
 * NOTES:
 * The DPT card optimizes the order of processing commands.  Consequently,
 * a command may take up to 6 minutes to complete after it has been sent
 * to the board.
 *
 * The files dpti_ioctl.h dptsig.h osd_defs.h osd_util.h sys_info.h are part of
the
 * interface files for Adaptec's management routines.  These define the
structures used
 * in the ioctls.  They are written to be portable.  They are hard to read, but
I need
 * to use them 'as is' or I can miss changes in the interface.
 *
 */
```