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## RealPort Device Driver

### Installation Instructions

for

## SCO UNIX SCO OpenServer

## Introduction

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The Digi RealPort™ device driver for SCO Unix and SCO OpenServer is an installable device driver; the software development system is *not* required to create a new kernel. The link kit, however, must be installed.

### Note:

Except where noted, *PortServer* refers to both PortServer™ and PortServer II™.

### Important!

Be sure to read the *Release Notes* that may be included with this software device driver.

# Software Installation

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## Before you begin...

During the installation, you will need to provide information about your PortServer configuration. To streamline the installation process, please have the following information ready before you begin:

- The number of PortServer modules connected to your network
- The *IP address* or *name* for each PortServer module—see the documentation for your PortServer module to find out how to obtain the IP address—if you use the PortServer’s *name*, the name must be registered in `/etc/hosts` or a name server.
- The number of ports on each PortServer; if you have a PortServer II, include the ports on any attached PORTS/Xem™ or Modem/Xem™ modules.

## Package Installation

1. Log onto the console as super-user (root).
2. Insert the Digi device driver diskette, and enter:  

```
custom
```
3. Follow the procedure for installing *new* software (even if you are *re-installing* a previously removed device driver).
4. You will be shown the default base names which will be assigned to the new devices. You may accept the defaults (recommended), or specify new base names.
5. Each PortServer has a letter ID which is included in the port names (in the `/dev` directory) to identify which PortServer the port belongs to. For

example, `/dev/ttya01` is port 01 on PortServer **a**. Systems with a large number of ports may need to use some letters more than once. In this case, the first PortServer with a particular letter ID will be assigned port numbers 01-16, the second PortServer with that letter ID will be assigned port numbers 17-32, and so on. By default, the PortServers are given consecutive letter IDs, beginning with **a**. You may override the default ID letters and pick your own to help keep port names more organized.

6. You will be asked a number of questions about your configuration; answer them with the information gathered in the previous section (*Before you begin...*). If you answered “**n**” to the question “**Do you want ID letters picked for you?**” in Step 6, you will also be prompted for the ID letters to be assigned to each PortServer.
7. You will be asked if you wish to update `/etc/ttytype`. For a new installation, answer “**y**”. For updates, answer “**n**” to preserve the current setup. If you are not sure, answer “**y**”.
8. When asked if you want the new kernel to boot by default, answer “**y**”.
9. When asked if you want the kernel environment to be rebuilt, answer “**y**” again. You will be returned to the **custom** screen. From the **Host** menu, select **Exit**.
10. Reboot your system.

## Uninstalling the Device Driver

Enter the following commands to uninstall the RealPort device driver:

1. Log onto the console as super-user (root), and enter the following command:  

```
custom
```
2. Follow the procedure for removing software. Select the RealPort device driver when prompted.
3. When asked if you wish to remove the RealPort entries from `/etc/ttytype`, answer “**y**” if these entries are no longer needed, or “**n**” if you wish to preserve the old entries for a future RealPort installation.
4. When asked if you want the new kernel to boot by default, answer “**y**”.
5. When asked if you want the kernel environment to be rebuilt, answer “**y**” again.
6. Reboot your system.