

Installation Procedures
CONVEX Profs V1.3
Document No. 710-024930-000

July 1992

CONVEX Computer Corporation

Installation Procedures, CONVEX Profs V1.3

© 1992 CONVEX Computer Corporation
All rights reserved.

This document is copyrighted. The document, however, may be copied, duplicated, reproduced, translated, stored electronically, or reduced to machine-readable form without prior written consent from CONVEX Computer Corporation provided that such duplications are for internal use only and that they display the CONVEX copyright notice.

Although the material contained herein has been carefully reviewed, CONVEX Computer Corporation does not warrant it to be free of errors or omissions. CONVEX reserves the right to make corrections, updates, revisions or changes to the information contained herein. CONVEX does not warrant the material described herein to be free of patent infringement.

UNLESS PROVIDED OTHERWISE IN WRITING WITH CONVEX COMPUTER CORPORATION (CONVEX), THE SOFTWARE DESCRIBED HEREIN IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SOME STATES DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES. THE ABOVE EXCLUSION MAY NOT BE APPLICABLE TO ALL PURCHASERS BECAUSE WARRANTY RIGHTS CAN VARY FROM STATE TO STATE. IN NO EVENT WILL CONVEX BE LIABLE TO ANYONE FOR SPECIAL, COLLATERAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING ANY LOST PROFITS OR LOST SAVINGS, ARISING OUT OF THE USE OR INABILITY TO USE THIS SOFTWARE. CONVEX WILL NOT BE LIABLE EVEN IF IT HAS BEEN NOTIFIED OF THE POSSIBILITY OF SUCH DAMAGE BY THE PURCHASER OR ANY THIRD PARTY.

© 1979, 1980, Bell Telephone Laboratories, Incorporated.

*CONVEX and the CONVEX logo ("C") are registered trademarks of CONVEX Computer Corporation.
ConvexOS and Profs are trademarks of CONVEX Computer Corporation.*

Printed in the United States of America

Installing CONVEX Profs V1.3

Product Prerequisites

The following products (at the indicated revisions) are required to install and use Profs V1.3.

- CONVEX C compiler V4.1 or later compiler.
- ConvexOS V9.1 or later OS.

Installation Procedure

1. Mount the *installsw* tape that contains:
 - Profs installation shell script (source)
 - CONVEX Profs : *prof*, *gprof*, and *bprof* (executables)
 - (1) *prof*, *gprof*, and *bprof* manual pages
 - On-line Release Notice
2. Log in as root.
3. Make sure you are running under the C shell (csh)
4. Make sure you have "." in the environment variable PATH
5. You will need the following amounts of free space (indicated in Kilo-bytes) in the specified areas (the installation script will check this automatically for you):
 - 75 in *usr/bin*
 - 120 in *usr/ucb*
 - 120 in *usr/convex*
 - 30 in *usr/man/man1*
 - 40 in *usr/doc*
6. Run the *installsw* script as shown below. *installsw* must be run on a machine with a tape drive but the actual installation may be on any machine in the same cluster.
7. Follow the appropriate set of instructions. If installing on a machine that has a tape unit, follow the first set of instructions. If installing on a tapeless processor over the network, follow the second set of instructions. Note that all prompts which contain an entry in square brackets "[]" provide a default answer of the text within the brackets. Just press return to accept the default response.

You are now finished with the installation.

Installation on a machine with a tape drive

```
> tpmount -a /dev/rmt20 (user input)
Tape device /dev/rmt20 allocated.
> installsw -d /dev/rmt20 -i (user input)
Tape device is /dev/rmt20

** Installsw Header File From Tape **

Copyright 1992 CONVEX Computer Corp.
All rights are reserved.
CREATED ON [date]
710-014715-[...] Profs, release [version]

Choose the type of installation you want to perform:

LOCAL --> install on this machine
REMOTE --> install on a remote machine
ABORT --> abort installation

Enter your selection now --> 1 (user input)

Setting up installation environment. Hang on...
tar: blocksize = 65536 blocking = 64
This tape contains only release [...] of Profs.

Do you wish to install or de-install it? i (user input)
[Installing Profs V1.3]
Target directory [/]? (user input)

Removing existing components, please wait...
[... Various deletions ...]

[... Read logical tapes ...]

profs [...] installation complete.
Done processing install tape
> tpunmount (user input)
```

Installation on a tapeless machine from another machine

```
> tpmount -a /dev/rmt20 (user input)
Tape device /dev/rmt20 allocated.
> installsw -d /dev/rmt20 -i (user input)
Tape device is /dev/rmt20
```

**** Installsw Header File From Tape ****

Copyright 1992 CONVEX Computer Corp.
All rights are reserved.
CREATED ON [date]
710-014715-[...] Profs, release [version]

Choose the type of installation you want to perform:

```
LOCAL    --> install on this machine
REMOTE   --> install on a remote machine
ABORT    --> abort installation
```

Enter your selection now --> **r** (user input)

You have chosen to do a REMOTE installation.

Enter the name of the remote machine as you would refer to it when using networking commands (such as rlogin) from this machine.

If you wish to abort the installation, enter ABORT.

Enter the hostname now --> <remote host> (user input)
Verifying ability to rsh to and from *remote_host...*

Setting up installation environment. Hang on...
This tape contains only release 1.3 of Profs.

Do you wish to install or de-install it? **i** (user input)
[Installing Profs V1.3]
Target directory [/?] (user input)

Removing existing components, please wait...
[... Various deletions ...]

[... Read logical tapes ...]

profs V[...] installation complete.
Done processing install tape
> tpmount (user input)

NOTES:

- The *prof* program is installed into */usr/bin*.
- The *gprof* program is installed into */usr/ucb*.
- The *bprof* program is installed into */usr/convex*.
- The (1) manual pages for *prof*, *gprof*, and *bprof* are installed in */usr/man/man1*.
- The on-line Release Notice is installed into */usr/doc*.