



SunForum™ 3.2 Software Installation Guide

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Installing SunForum 3.2 Software

This guide describes how to install the SunForum™ 3.2 conferencing software for Sun™ systems.

System Requirements

- Solaris™ 2.6, Solaris 7, or Solaris 8 operating environments, or a subsequent compatible version
- Sun Ultra, Sun Blade, or Sun Ray desktop systems. Sun Ray appliances require Sun Ray Server Software version 1.2
- At least one other computer system to call and/or collaborate
- A TCP/IP (LAN) connection (with no firewall between machines)
- Requires installer to have a basic knowledge for Solaris/CDE environment installation procedures

SunForum CD Directories and Software Packages

The SunForum CD directories are located in `/cdrom/sunforum_3_2`

TABLE 1 SunForum CD Directories

Directory Name	Description
Copyright	U.S. version of copyright
FR_Copyright	French version of copyright
Docs	HTML and PostScript™ user guide files
Packages	Contains the SunForum packages: SUNWdat, SUNWdatu, SUNWXXdat, SUNWkeep, and SUNWphone

where `xx` is the package of the translated SunForum 3.2 software.

TABLE 2 SunForum 3.2 Software Package Names

SunForum Localized Package Names	Description
SUNWdat	SunForum Core Application
SUNWdatu	SunForum Xserver Extension and Runtime Libraries
SUNWkeep	SunForum H.323 Gatekeeper
SUNWphone	SunForum Phone application

TABLE 3 Optional Localized SunForum 3.2 Software Package Names

SunForum Localized Package Names	Description
SUNWdedat	German SunForum
SUNWesdat	Spanish SunForum
SUNWfrdat	French SunForum
SUNWitdat	Italian SunForum
SUNWsvdat	Swedish SunForum
SUNWjadat	Japanese (ja-EUC) SunForum

TABLE 3 Optional Localized SunForum 3.2 Software Package Names *(Continued)*

SunForum Localized Package Names	Description
SUNWjpd	Japanese (ja_JP.PCK) SunForum
SUNWkod	Korean (ko-EUC) SunForum
SUNWhd	Traditional Chinese (zh_TW-EUC) SunForum
SUNW5d	Traditional Chinese (zh_TW.BIG5) SunForum
SUNWcd	Simplified Chinese (zh-EUC) SunForum

TABLE 4 SunForum Software Package Directory Location

SunForum Package	Directory Location
SUNWd	/opt
SUNWdatu	/usr/openwin
SUNWXXd	/opt
SUNWkeep	/opt
SUNWphone	/opt

Installing SunForum

You must remove any previous releases of SunForum before installing new software packages.

▼ To Remove Previous Software Releases

1. Log in as superuser at the command-line prompt.

If you have modified the global configuration file (/opt/SUNWd/config/dcgx), save a copy of it before proceeding.

2. Remove previous SunForum software releases by typing:

```
# pkgrm SUNWdat SUNWdatu
```

If you installed `SUNWxxdat` for a particular locale, include `SUNWxxdat` in the `pkgrm` command.

Downloading SunForum 3.2

You may download SunForum 3.2 from either the Sun web site or your CD-ROM provided with your SunForum 3.2 Installation Kit.

▼ To Download SunForum3.2 From the Sun Web Site

SunForum 3.2 can be downloaded from

<http://www.sun.com/desktop/products/software/sunforum/>

The software includes an installer program called `installer`.

Once downloaded, go to “SunForum 3.2 Installer Program” on page 5.

▼ To Install SunForum 3.2 From the CD-ROM

1. Remove any previous release of SunForum.
2. Log into the windowing system (if you are not already in it).
3. Become superuser in a shell window.
4. Insert the SunForum CD into the CD-ROM drive connected to your system.
 - If your system is running Volume Manager, it should automatically mount the CD-ROM to the `/cdrom/sunforum_3_2` directory.
 - If your system is not running Volume Manager, mount the CD-ROM as follows:

```
# mkdir -p /cdrom/sunforum_3_2
# mount -F hsfs -r /dev/dsk/c0t6d0s2 /cdrom/sunforum_3_2
```


5. In a shell window, go to `/cdrom/sunforum_3_2` and run the installer:

```
% cd /cdrom/sunforum_3_2
% ./installer
```

6. Go to “SunForum 3.2 Installer Program.”

SunForum 3.2 Installer Program

The SunForum 3.2 installer program prompts you for your root password if you are not logged in as root.

1. Enter your root password, if needed.
The SunForum 3.2 installation window is displayed.
2. Follow the Installer screen instructions.
3. Click Install Now at the last Installer screen prompt.
4. After SunForum is installed, click Exit.
5. Log out of (exit) your workstation. This will restart your X Server.

Note – You *must* restart the X server before running SunForum.

6. Log into the window system at the login prompt.
7. Start `sunforum` or the `sunforum` phone interface to verify installation by typing:

```
% /opt/SUNWdat/bin/sunforum
```

Note – If you installed SunForum in a directory that is *not* the default (`/opt/SUNWdat/bin/`) you must alter the directory paths in these steps to reflect the correct directory.

LDAP Startup

The LDAP (Lightweight Directory Access Protocol) startup script includes the schema required to run on the directory server very quickly. It also adds `dtaction` scripts to integrate speed-dials to the desktop.

Before running the LDAP script, you must install either Netscape directory server software or iPlanet directory server software. All configuration is done by the LDAP script, and no further modification to the database is required. To run the LDAP script,

- **Become superuser (root) in a shell window and type:**

```
# sf-ldap-config
```

One option is available for this script, `-u`. The `-u` option unconfigures the database by removing the SunForum related portions of the database schema and data.

The LDAP script is interactive and will prompt you for the information it needs to add the schema and set the access privileges for the database in order for SunForum to use the script. The following is an example of the script prompts:

```
Enter Netscape Directory Server directory [/usr/netscape/server4]:
Enter LDAP server port [389]:
Enter Directory Manager DN [cn="Directory Manager"]
Enter Directory Manager password:
```

The LDAP script supplies default values, as shown in this example, where possible to aid the user.

Note – If you are not logged in as root, the script generates an error and exits.

Optimizing Video Display

For better performance of video displays, increase the shared memory pool size to at least 16 Mbytes. To do this,

1. Add the following line to the `/etc/system` file:

```
set shmsys:shminfo_shmmax=16777216
```

2. Reboot your system.

Online Documentation

1. Choose **Help ► Help Topics** from any SunForum window.
2. Click **Online Docs** at the title bar.

Accessing the English and Localized Documentation

The CD-ROM contains the *SunForum 3.2 Software User's Guide* in the following languages:

- English
- French
- German
- Spanish
- Italian
- Swedish
- Japanese
- Korean
- Simplified Chinese
- Traditional Chinese

These language versions are contained in the
/cdrom/sunforum_3_2/Docs/*language*:

TABLE 5 Directories for Localized Documents

Language	Directory Name
English	C/
French	fr/
German	de/
Spanish	es/
Italian	it/
Swedish	sv/
Japanese	ja/
Korean	ko/
Simplified Chinese	zh/
Traditional Chinese	zh_TW/

- To view a manual, use a web browser and type the following in the address field:

`file:/cdrom/sunforum_3_2/Docs/language`

where *language* is the directory of the translated document.