

# DIANA-9.3 Installation Manual for UNIX systems

## PREFACE

The DIANA-9.3 Installation Manual for UNIX systems describes the procedure to install DIANA on a UNIX system.

## Cautionary Note

Throughout this manual, it will be assumed that the reader has a basic understanding of software engineering and software management in general and of the UNIX operating system in particular. Moreover, some familiarity with the DIANA vocabulary as used in the User's Manuals is desirable.

## 1. Introduction

The DIANA-9.3 installation manual for UNIX systems describes the procedure for installation of the new DIANA-9.3 release, including the pre- and postprocessing package iDIANA. The word "install" is used for the process of reading in from DVD the DIANA 9.3 product suite executables and all the other files needed in a DIANA run-time environment.

## 2. How to Install

To install DIANA-9.3 do the following in sequence:

1. Login as user diana93, if it is the first time, ask your systems manager to make a user diana93. Please note that DIANA has to be installed in the DIANA9.3 user's logon directory (from now on it is assumed that the DIANA9.3 logon directory is /usr1/diana93).
2. Position the DIANA-9.3 DVD in the DVD player and mount the DVD drive. If your drive did not mount automatically, you must mount the DVD in a directory in your file system (From now on it is assumed the DVD device is mounted in /media/dvd). To mount the DVD, first become root, as shown below. If you don't know your root password, consult your system administrator.

```
% su  
Password: root_password
```

Then type in the following command:

```
% mkdir /media/dvd
```

Then use the mount command appropriate to your platform:

### **HPUX:**

```
% /etc/mount dvdrom_device /media/dvd
```

or, if this does not work, use:

```
% /etc/mount -r -F cdfs -o cdcase dvdrom_device /media/dvd
```

or, if this does not work, use:

```
% sam
```

### **SUN Solaris:**

```
% /etc/mount -r -F hsfs dvdrom_device /media/dvd
```

or, if this does not work, use:

```
% smc
```

### **RedHat Enterprise Linux:**

```
% /bin/mount -r dvdrom_device /media/dvd
```

If you mounted the DVD manually, do not forget to logout as root after mounting.

3. Execute the DIANA-9.3 install program and follow the interactive installation.

```
/media/dvd/install
```

Note: sometimes the `install` script fails to detect your environment. In that case you can start installation by starting the install script in the proper directory.

4. Create a new shell:

```
sh
```

5. Activate the DIANA environment:

```
. ./dialogin
```

6. After correct initialization of the DIANA Environment, you should type `diadate` and `diafck`, capture the output and send it to your DIANA support organisation. This information contains machine specific information, and will be used to create keyfiles for your licensed modules. After reception of the keyfile (`diafgv.k71`), you must place it in the directory `/usr1/diana93/share/lib`.

7. Leave the shell with `<ctrl>D` and logoff.

## **3. User environment settings**

The file `.dialogin` must be invoked by each user to set the proper environment symbols. Usually this is done manually by the user like this.

Bourne-shell users create a DIANA-9.3 environment by (typing, or in `.profile`):

```
. /usr1/diana93/.dialogin
```

C-shell users create a DIANA-9.3 environment by (typing, or in `.login`):

```
source ~/diana93/.dialogin.csh
```

#### **4. Online Documentation**

An HTML version of the user manual is available after installation. You can bookmark `/usr1/diana93/share/Man/HTML/index.html` in your favorite browser.

A PDF version is available on the DVD, but not installed on your system automatically. It's on the DVD in directory `Man/PDF`. If you copy this directory to `/usr1/diana93/share/Man/PDF`, it's available from the HTML DIANA-9.3 startpage too.