NAME

cdtoc – CD-ROM table of contents file

DESCRIPTION

The table of contents file, **.cdtoc**, is an ASCII file that describes the contents of a CD-ROM or other software distribution media. It resides in the top-level directory of the file system on a slice of a CD-ROM. It is independent of file system format, that is, the file system on the slice can be either UFS or HSFS.

Each entry in the **.cdtoc** file is a line that establishes the value of a parameter in the following form:

*PARAM***=***value*

Blank lines and comments (lines preceded by a pound-sign, ''#'') are also allowed in the file. Parameters are grouped by product, with the beginning of a product defined by a line of the form:

*PRODNAME***=***value*

Each product is expected to consist of one or more software packages that are stored together in a subdirectory on the distribution media. There can be any number of products described within the file. There is no required order in which the parameters must be specified, except that the parameters must be grouped by product and the *PRODNAME* parameter must appear first in the list of parameters for each product specified. Each parameter is described below. All of the parameters are required for each product.

PRODNAME The full name of the product. This must be unique within the **.cdtoc** file and is preferably unique across all possible products. This value may contain white space. The length of this value is limited to **256** ASCII characters; other restrictions may apply (see below).

PRODVERS The version of the product. The value can contain any combination of letters, numbers, or other characters. This value may contain white space. The length of this value is limited to **256** ASCII characters; other restrictions may apply (see below).

PRODDIR The name of the top-level directory containing the product. This name should be relative to the top-level directory of the distribution media, for example, **Solaris_2.4**. The number of path components in the name is limited only by the system's maximum path name length, which is 1024 ASCII characters. Any single component is limited to **256** ASCII characters. This value cannot contain white space.

The lengths of the values of *PRODNAME* and *PRODVERS* are further constrained by the fact that the initial install programs and **swmtool**(1M) concatenate these values to produce the full product name. **swmtool** concatenates the two values (inserting a space) to produce the name displayed in its software selection menu, for example, **Solaris 2.4**. For unbundled products the combined length of the values of *PRODNAME* and *PRODVERS* must not exceed **256** ASCII characters.

During installation of the bundled OS release, directories for diskless and dataless client *usr* and *platform* file systems are created by constructing names derived from a concatenation of the values of *PRODNAME*, *PRODVERS*, and client architecture, for example,

/export/exec/kvm/Solaris_2.*x*_sparc.sun4c/usr/platform The length of the component containing the product name and version must not exceed **256** ASCII characters. Thus, for products corresponding to bundled OS releases (for example, Solaris 2.4), the values of *PRODNAME* and *PRODVERS* are effectively restricted to lengths much less than **256**.

The initial installation programs, **swm** and **swmtool**, use the value of the *PRODDIR* macro in the **.cdtoc** file to indicate where packages can be found.

EXAMPLES

Here is a sample **.cdtoc** file:

```
#
# .cdtoc file -- Online product family CD
#
PRODNAME=Online DiskSuite
PRODVERS=2.0
PRODDIR=Online_DiskSuite_2.0
#
PRODNAME=Online Backup
PRODVERS=2.0
PRODDIR=Online_Backup_2.0
```

This example corresponds to the following directory layout on a CD-ROM partition:

```
/.cdtoc
/Online_DiskSuite_2.0
        ./SUNWmddr.c
        ./SUNWmddr.m
        ./SUNWmddu
/Online_Backup_2.0
        ./SUNWhsm
```

The bundled release of Solaris 2.*x* includes the following **.cdtoc** file:

```
PRODNAME=Solaris
PRODVERS=2.x
PRODDIR=Solaris_2.x
```

This file corresponds to the following directory layout on slice 0 of the Solaris 2.*x*product CD:

```
/.cdtoc
/Solaris_2.x
        ./SUNWaccr
        ./SUNWaccu
        ./SUNWadmap
        .
        .
        .
        ./SUNWutool
```

SEE ALSO

swmtool(1M), **clustertoc**(4), **packagetoc**(4), **pkginfo**(4)