NAME

admin – installation defaults file

DESCRIPTION

admin is a generic name for an ASCII file that defines default installation actions by assigning values to installation parameters. For example, it allows administrators to define how to proceed when the package being installed already exists on the system.

/var/sadm/install/admin/default is the default **admin** file delivered with this release. The default file is not writable, so to assign values different from this file, create a new **admin** file. There are no naming restrictions for **admin** files. Name the file when installing a package with the –**a** option of **pkgadd**(1M). If the –**a** option is not used, the default **admin** file is used.

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

param=*value*

Eleven parameters can be defined in an **admin** file. A file is not required to assign values to all eleven parameters. If a value is not assigned, **pkgadd** asks the installer how to proceed.

The eleven parameters and their possible values are shown below except as noted. They may be specified in any order. Any of these parameters can be assigned the value **ask**, which means that if the situation occurs the installer is notified and asked to supply instructions at that time.

basedir Indicates the base directory where relocatable packages are to be installed. If none is specified the installer is prompted with a path, with the default being BASEDIR specified in the **pkginfo** file. The value **default** can be used as an option. **pkgadd** recognizes this setting and installs the package into <*pkginfo BASEDIR*>. The valued may contain **$PKGINST** to indicate a base directory that is to be a function of the package instance.

mail Defines a list of users to whom mail should be sent following installation of a package. If the list is empty, no mail is sent. If the parameter is not present in the **admin** file, the default value of **root** is used. The **ask** value cannot be used with this parameter.

runlevel Indicates resolution if the run level is not correct for the installation or removal of a package. Options are:

- **nocheck** Do not check for run level.
- **quit** Abort installation if run level is not met.

conflict Specifies what to do if an installation expects to overwrite a previously installed file, thus creating a conflict between packages. Options are:

- **nocheck** Do not check for conflict; files in conflict will be overwritten.
- **quit** Abort installation if conflict is detected.

- **nochange** Override installation of conflicting files; they will not be installed.

setuid Checks for executables which will have setuid or setgid bits enabled after installation. Options are:

- **nocheck** Do not check for setuid executables.
- **quit** Abort installation if setuid processes are detected.
- **nochange** Override installation of setuid processes; processes will be installed without setuid bits enabled.

action Determines if action scripts provided by package developers contain possible security impact. Options are:

- **nocheck** Ignore security impact of action scripts.
- **quit** Abort installation if action scripts may have a negative security impact.

partial Checks to see if a version of the package is already partially installed on the system. Options are:

- **nocheck** Do not check for a partially installed package.
- **quit** Abort installation if a partially installed package exists.

instance Determines how to handle installation if a previous version of the package (including a partially installed instance) already exists. Options are:

- **quit** Exit without installing if an instance of the package already exists (does not overwrite existing packages).
- **overwrite** Overwrite an existing package if only one instance exists. If there is more than one instance, but only one has the same architecture, it overwrites that instance. Otherwise, the installer is prompted with existing instances and asked which to overwrite.
- **unique** Do not overwrite an existing instance of a package. Instead, a new instance of the package is created. The new instance will be assigned the next available instance identifier.

idepend Controls resolution if other packages depend on the one to be installed. Options are:

- **nocheck** Do not check package dependencies.
- **quit** Abort installation if package dependencies are not met.

rdepend Controls resolution if other packages depend on the one to be removed. Options are:

- **nocheck** Do not check package dependencies.

quit Abort removal if package dependencies are not met.

space Controls resolution if disk space requirements for package are not met. Options are:

nocheck Do not check space requirements (installation fails if it runs out of space).

quit Abort installation if space requirements are not met.

EXAMPLES

Below is a sample **admin** file.

```
basedir=default
runlevel=quit
conflict=quit
setuid=quit
action=quit
partial=quit
instance=unique
idepend=quit
rdepend=quit
space=quit
```

SEE ALSO

pkgadd(1M)

NOTES

The value **ask** should not be defined in an **admin** file that will be used for non-interactive installation (since by definition, there is no installer interaction). Doing so causes installation to fail when input is needed.