

NAME

`prs` - print an SCCS file

SYNOPSIS

`prs [-d[dataspec]] [-r[SID]] [-e] [-l] [-a] file ...`

DESCRIPTION

`Prs` prints, on the standard output, parts or all of an SCCS file (see *sccsfile(5)*) in a user supplied format. If a directory is named, `prs` behaves as though each file in the directory were specified as a named file, except that non-SCCS files (last component of the pathname does not begin with `s.`), and unreadable files are silently ignored. If a name of `-` is given, the standard input is read; each line of the standard input is taken to be the name of an SCCS file or directory to be processed. Again, non-SCCS files and unreadable files are silently ignored.

Arguments to `prs`, which may appear in any order, consist of *keyletter* arguments, and file names.

All the described *keyletter* arguments apply independently to each named file:

- `-d[dataspec]` Used to specify the output data specification. The *dataspec* is a string consisting of SCCS file *data keywords* (see **DATA KEYWORDS**) interspersed with optional user supplied text.
- `-r[SID]` Used to specify the SCCS *IDentification (SID)* string of a delta for which information is desired. If no *SID* is specified, the *SID* of the most recently created delta is assumed.
- `-e` Requests information for all deltas created *earlier* than and including the delta designated via the `-r` keyletter.
- `-l` Requests information for all deltas created *later* than and including the delta designated via the `-r` keyletter.
- `-a` Requests printing of information for both removed, i.e., delta type = *R*, (see *rmDEL(1S)*) and existing, i.e., delta type = *D*, deltas. If the `-a` keyletter is not specified, information for existing deltas only is provided.

DATA KEYWORDS

Data keywords specify which parts of an SCCS file are to be retrieved and output. All parts of an SCCS file (see *sccsfile(5)*) have an associated data keyword. There is no limit on the number of times a data keyword may appear in a *dataspec*.

The information printed by `prs` consists of: (1) the user supplied text; and (2) appropriate values (extracted from the SCCS file) substituted for the recognized data keywords in the order of appearance in the *dataspec*. The format of a data keyword value is either *Simple (S)*, in which keyword substitution is direct, or *Multi-line (M)*, in which keyword substitution is followed by a carriage return.

User supplied text is any text other than recognized data keywords. A tab is specified by `\t` and carriage return/new line is specified by `\n`.

TABLE 1. SCCS FILES DATA KEYWORDS

Keyword	Data Item	File Section	Value	Format
:Dt:	Delta information	Delta Table	see below*	S
:DL:	Delta line statistics	"	:Li:/:Ld:/:Lu:	S
:Li:	Lines inserted by Delta	"	nnnnn	S
:Ld:	Lines deleted by Delta	"	nnnnn	S
:Lu:	Lines unchanged by Delta	"	nnnnn	S
:DT:	Delta type	"	D or R	S
:I:	SCCS ID string (SID)	"	:R:/:L:/:B:/:S:	S
:R:	Release number	"	nnnn	S
:L:	Level number	"	nnnn	S
:B:	Branch number	"	nnnn	S
:S:	Sequence number	"	nnnn	S
:D:	Date Delta created	"	:Dy:/:Dm:/:Dd:	S
:Dy:	Year Delta created	"	nn	S
:Dm:	Month Delta created	"	nn	S
:Dd:	Day Delta created	"	nn	S
:T:	Time Delta created	"	:Th:/:Tm:/:Ts:	S
:Th:	Hour Delta created	"	nn	S
:Tm:	Minutes Delta created	"	nn	S
:Ts:	Seconds Delta created	"	nn	S
:P:	Pgmmer who created Delta	"	logname	S
:DS:	Delta sequence number	"	nnnn	S
:DP:	Predecessor Delta seq no.	"	nnnn	S
:DI:	Seq no. of deltas included, excluded, ignored	"	:Dn:/:Dx:/:Dg:	S
:Dn:	Deltas included (seq #)	"	:DS: :DS: ...	S
:Dx:	Deltas excluded (seq #)	"	:DS: :DS: ...	S
:Dg:	Deltas ignored (seq #)	"	:DS: :DS: ...	S
:MR:	MR numbers for delta	"	text	M
:C:	Comments for delta	"	text	M
:UN:	User names	User Names	text	M