NAME

sccs-prs, prs – display selected portions of an SCCS history

SYNOPSIS

/usr/ccs/bin/prs [**–ael**] [**–c***date-time*] [**–d***dataspec*] [**–r***sid*] *s.filename* . . .

DESCRIPTION

prs displays part or all of the SCCS file (see **sccsfile**(4)) in a user supplied format.

If a directory name is used in place of the *s.filename* argument, the **prs** command applies to all **s.**files in that directory. Unreadable **s.**files produce an error; processing continues with the next file (if any). The use of '–' as the *s.filename* argument indicates that the names of files are to be read from the standard input, one **s.**file per line.

OPTIONS

In the absence of options, **prs** displays the delta table (version log). In the absence of –**d**, or –**l**, **prs** displays the entry for each delta indicated by the other options.

–**a** Include all deltas, including those marked as removed (see **sccs-rmdel**(1)).

–**e** Request information for all deltas created *earlier* than, and including, the delta indicated with –**r** or –**c**.

–**l** Request information for all deltas created *later* than, and including, the delta indicated with –**r** or –**c**.

–**c***date-time*

Display information on the latest delta checked in prior to the date and time indicated by the *date-time* argument. *date-time* takes the form:

yy[*mm*[*dd*[*hh*[*mm*[*ss*]]]]].

Units omitted from the indicated date and time default to their maximum possible values; that is –**c7502** is equivalent to –**c750228235959**. Any number of non-numeric characters may separate the various 2 digit components. If white-space characters occur, the *date-time* specification must be quoted.

–**d***dataspec*

Produce a report according to the indicated data specification. *dataspec* consists of a (quoted) text string that includes embedded data keywords of the form: '**:***key***:**' (see *Data Keywords*, below). **prs** expands these keywords in the output it produces. To specify a TAB character in the output, use **\t**; to specify a NEWLINE in the output, use **\n**.

–**r***sid* Specify the SCCS delta ID (SID) of the delta for which information is desired. If no SID is specified, the most recently created delta is used.

USAGE

Data Keywords

Data keywords specify which parts of an SCCS file are to be retrieved. All parts of an SCCS file (see **sccsfile**(4)) have an associated data keyword. A data keyword may appear any number of times in a data specification argument to –**d**. These data keywords are listed in the table below:

Keyword	*Data Item*	*File Section**	*Value*	*Format***
:A:	a format for the **what** string:	N/A	**:Z::Y: :M: :I::Z:**	S
:B:	branch number	D	*nnnn*	S
:BD:	body	B	*text*	M
:BF:	branch flag	F	**yes** or **no**	S
:CB:	ceiling boundary	F	**:R:**	S
:C:	comments for delta	D	*text*	M
:D:	date delta created	D	**:Dy:/:Dm:/:Dd:**	S
:Dd:	day delta created	D	*nn*	S
:Dg:	deltas ignored (seq #)	D	**:DS: :DS:**. . .	S
:DI:	seq-no. of deltas included, excluded, ignored	D	**:Dn:/:Dx:/:Dg:**	S
:DL:	delta line statistics	D	**:Li:/:Ld:/:Lu:**	S
:Dm:	month delta created	D	*nn*	S
:Dn:	deltas included (seq #)	D	**:DS: :DS:**. . .	S
:DP:	predecessor delta seq-no.	D	*nnnn*	S
:Ds:	default SID	F	**:I:**	S
:DS:	delta sequence number	D	*nnnn*	S
:Dt:	delta information	D	**:DT: :I: :D: :T: :P: :DS: :DP:**	S
:DT:	delta type	D	**D** or **R**	S
:Dx:	deltas excluded (seq #)	D	**:DS:** . . .	S
:Dy:	year delta created	D	*nn*	S
:F:	**s.**file name	N/A	*text*	S
:FB:	floor boundary	F	**:R:**	S
:FD:	file descriptive text	C	*text*	M
:FL:	flag list	F	*text*	M
:GB:	gotten body	B	*text*	M
:I:	SCCS delta ID (SID)	D	**:R:.:L:.:B:.:S:**	S
:J:	joint edit flag	F	**yes** or **no**	S
:KF:	keyword error/warning flag	F	**yes** or **no**	S
:L:	level number	D	*nnnn*	S
:Ld:	lines deleted by delta	D	*nnnnn*	S
:Li:	lines inserted by delta	D	*nnnnn*	S
:LK:	locked releases	F	**:R:**. . .	S
:Lu:	lines unchanged by delta	D	*nnnnn*	S
:M:	module name	F	*text*	S
:MF:	MR validation flag	F	**yes** or **no**	S
:MP:	MR validation program	F	*text*	S
:MR:	MR numbers for delta	D	*text*	M
:ND:	null delta flag	F	**yes** or **no**	S
:Q:	user defined keyword	F	*text*	S

:P:	user who created delta	D	*username*	S
:PN:	**s.**file's pathname	N/A	*text*	S
:R:	release number	D	*nnnn*	S
:S:	sequence number	D	*nnnn*	S
:T:	time delta created	D	**:Th:::Tm:::Ts:**	S
:Th:	hour delta created	D	*nn*	S
:Tm:	minutes delta created	D	*nn*	S
:Ts:	seconds delta created	D	*nn*	S
:UN:	user names	U	*text*	M
:W:	a form of **what** string	N/A	**:Z::M:\t:I:**	S
:Y:	module type flag	F	*text*	S
:Z:	**what** string delimiter	N/A	**@(#)**	S

*B = body, D = delta table, F = flags, U = user names

**S = simple format, M = multi-line format

EXAMPLES

The following command:

```
example% /usr/ccs/bin/prs –e –d":I:\t:P:" program.c
```

produces:

```
1.6    username
1.5    username
. . .
```

FILES

/tmp/pr????? temporary file

SEE ALSO

sccs(1), **sccs-cdc**(1), **sccs-delta**(1), **sccs-get**(1), **sccs-help**(1), **sccs-prt**(1), **sccs-sact**(1), **sccs-sccsdiff**(1), **what**(1), **sccsfile**(4)

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DIAGNOSTICS

Use the SCCS **help** command for explanations (see **sccs-help**(1)).