

display() — Display text interpreting SMCL

Syntax Diagnostics	Description Also see	Remarks and examples	Conformability
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Syntax

```
void display(string colvector s)
```

```
void display(string colvector s, real scalar asis)
```

Description

`display(s)` displays the string or strings contained in *s*.

`display(s, asis)` does the same thing but allows you to control how SMCL codes are treated. `display(s, 0)` is equivalent to `display(s)`; any SMCL codes are honored.

`display(s, asis)`, *asis* $\neq 0$, displays the contents of *s* exactly as they are. For instance, when *asis* $\neq 0$, `{it}` is just the string of characters {, i, t, and } and those characters are displayed; `{it}` is not given the SMCL interpretation of enter italic mode.

Remarks and examples

When *s* is a scalar, the differences between coding

```
: display(s)
```

and coding

```
: s
```

are

1. `display(s)` will not indent *s*; *s* by itself causes *s* to be indented by two spaces.
2. `display(s)` will honor any SMCL codes contained in *s*; *s* by itself is equivalent to `display(s, 1)`. For example,

```
: s = "this is an {it:example}"
: display(s)
this is an example
: s
  this is an {it:example}
```

3. When *s* is a vector, `display(s)` simply displays the lines, whereas *s* by itself adorns the lines with row and column numbers:

```
: s = ("this is line 1" \ "this is line 2")
: display(s)
this is line 1
this is line 2
: s
```

1	this is line 1
2	this is line 2

Another alternative to `display()` is `printf()`; see [M-5] [printf\(\)](#). When s is a scalar, `display()` and `printf()` do the same thing:

```
: display("this is an {it:example}")
this is an example
: printf("%s\n", "this is an {it:example}")
this is an example
```

`printf()`, however, will not allow s to be nonscalar; it has other capabilities.

Conformability

`display(s , $asis$)`

s :	$k \times 1$	
$asis$:	1×1	(optional)
$result$:	<i>void</i>	

Diagnostics

None.

Also see

[M-5] [displayas\(\)](#) — Set display level

[M-5] [displayflush\(\)](#) — Flush terminal-output buffer

[M-5] [printf\(\)](#) — Format output

[M-4] [io](#) — I/O functions