<div style="border:1px solid #000; padding:10px;">

do — do … while (exp)

</div>

Description

do executes *stmt* or *stmts* one or more times, until *exp* is zero.

Syntax

> do *stmt* `while` (*exp*)

```
do {
    stmts
} while (exp)
```

where *exp* must evaluate to a real scalar.

Remarks and examples

One common use of do is to loop until convergence:

```
do {
    lasta = a
    a = get_new_a(lasta)
} while (mreldif(a, lasta)>1e-10)
```

The loop is executed at least once, and the conditioning expression is not executed until the loop's body has been executed.

Also see

[M-2] **break** — Break out of for, while, or do loop

[M-2] **continue** — Continue with next iteration of for, while, or do loop

[M-2] **for** — for (exp1; exp2; exp3) stmt

[M-2] **while** — while (exp) stmt

[M-2] **Intro** — Language definition

For suggested citations, see the FAQ on citing Stata documentation.