**goto — goto label**

## Description

`goto label` causes control to pass to the statement following `label:`. `label` may be any name up to eight characters long.

## Syntax

```
label: ...
...
goto label
```

where `label:` may occur before or after the `goto`.

## Remarks and examples

These days, good style is to avoid using `goto`.

`goto` is useful when translating a FORTRAN program, such as

```
A = 4.0e0/3.0e0
10 B = A - 1.0e0
C = B + B + B
EPS = DABS(C - 1.0e0)
if (EPS.EQ.0.0e0) GOTO 10
```

The Mata translation is

```
a = 4/3
s10: b = a - 1
c = b + b + b
esps = abs(c-1)
if (eps==0) goto s10
```

although

```
a = 4/3
do {
b = a - 1
c = b + b + b
esps = abs(c - 1)
} while (eps==0)
```

is more readable.
Reference


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] do — do ... while (exp)

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

[M-2] while — while (exp) stmt

[M-2] Intro — Language definition