Syntax

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

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

Description

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

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  
eps = abs(c-1)  
if (eps==0) goto s10
```

although

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

is more readable.
Reference


Also see

[M-2] do — do ... while (exp)
[M-2] for — for (exp1; exp2; exp3) stmt
[M-2] while — while (exp) stmt
[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] intro — Language definition