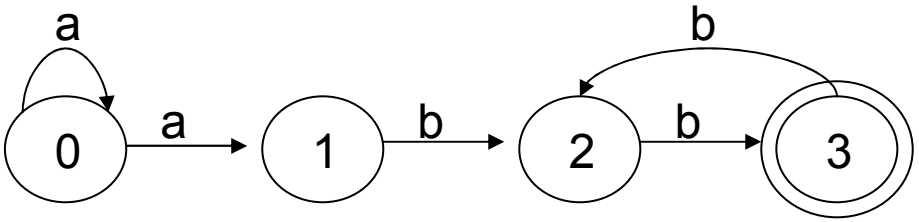
Logische Sprachen

Anwendung: endlicher Automat

Frage: ist Ausdruck gültiger Ausdruck bzgl. konkretem EA
Beispiel: $a^n b^{2o}$, n,o > 0




```
start(0).
ende(3).
delta(0,a,0).
delta(0,a,1).
delta(1,b,2).
delta(2,b,3).
delta(3,b,2).
```

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```
parse(L):- start(S), trans(S,L).

trans(X,[A|Rest]) :- delta(X,A,Y),
    write(X),write('   '),write([A|Rest]),nl,
    trans(Y,Rest).

trans(X,[]) :- ende(X),
    write(X),write('   '),write([]),nl.

?-parse([a,b,b,b,b]).
0   [a,b,b,b,b]
0   [a,b,b,b,b]
1   [b,b,b,b]
2   [b,b,b]
3   [b,b]
2   [b]
3   []
true
```