

Beispiel (shift/reduce-Konflikt)

shiftReduceKonflikt.yacc

```
%token X Y
%%
zeile : a
      | b Y
      ;
a : X Y
  ;
b : X
  ;
```

y.output

```
state 0
$accept : _zeile $end

X shift 4
. error

zeile goto 1
a goto 2
b goto 3

state 1
$accept : zeile_$end

$end accept
. error

state 2
zeile : a_ (1)

. reduce 1

state 3
zeile : b_Y

Y shift 5
```

. error

4: shift/reduce conflict (shift 6, red'n 4) on Y
state 4

a : X_Y

b : X_ (4)

Y shift 6

. error

state 5

zeile : b Y_ (2)

. reduce 2

state 6

a : X Y_ (3)

. reduce 3

Rule not reduced: b : X

4/127 terminals, 3/600 nonterminals

5/300 grammar rules, 7/1000 states

1 shift/reduce, 0 reduce/reduce conflicts reported

5/601 working sets used

memory: states,etc. 18/2000, parser 2/4000

4/3001 distinct lookahead sets

0 extra closures

3 shift entries, 1 exceptions

3 goto entries

0 entries saved by goto default

Optimizer space used: input 11/2000, output 6/4000

6 table entries, 0 zero

maximum spread: 258, maximum offset: 258