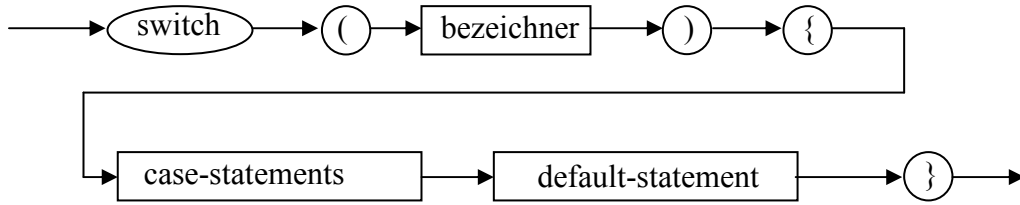


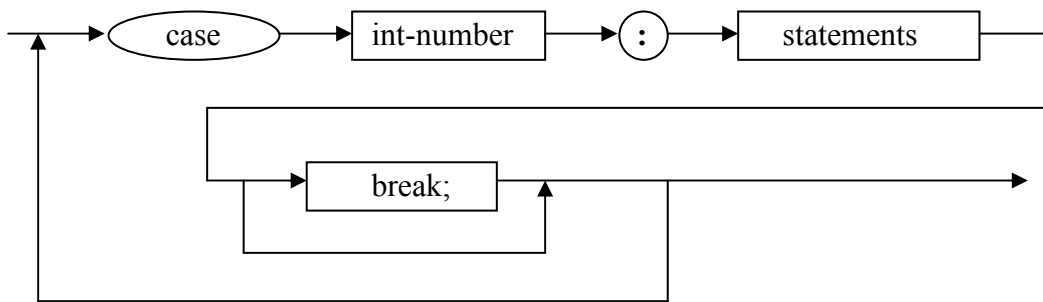
Syntaxdiagramme für Java switch-Anweisung

statements: /* soll gegeben sein; letztes Statement endet auf ; */

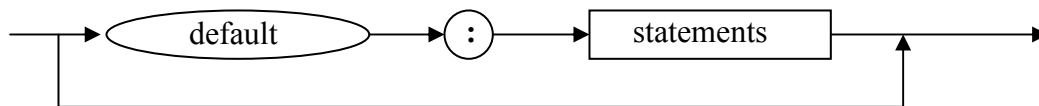
switch:



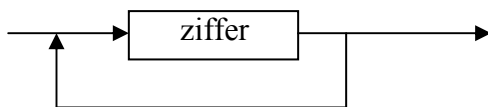
case-statements:



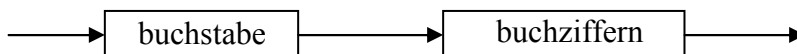
default-statement:



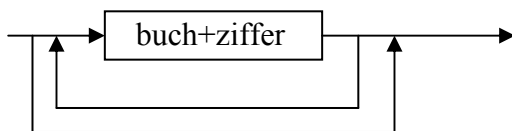
int-number:



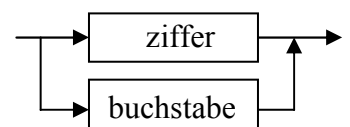
bezeichner:



buchziffern:



buch+ziffer:



Switch-statement in BNF:

`<switch> ::= "switch" "(" <bezeichner> ")" "{" <case-statements> <default-statement> "}"`

`<bezeichner> ::= <buchstabe> <buchziffern>`

`<buchstabe> ::= a|b|..|z|A|...|Z`

`<ziffer> ::= 0|1|..|9`

`<buchziffern> ::= |<buch+ziff> <buchziffern>`

`<buch+ziff> ::= <buchstabe>|<ziffer>`

`<case-statements> ::= <case-statement> | <case-statement> <case-statements>`

`<case-statement> ::= "case" <int-number> ":" <statements>
| "case" <int-number> ":" <statements> "break;"`

`<int-number> ::= <ziffer> | <ziffer> <int-number>`

`<default-statement> ::= | "default" ":" <statements>`

`<statements> ::= /* sei schon vordefiniert, letztes statement endet mit ; */`

Alternativ z.B.

`<case-statement> ::= "case" <int-number> ":" <statements> <break>`

`<break> ::= | "break" ";"`