

# Syntax Cheat Sheet

- [Cheat Sheet](#)

# Cheat Sheet

A test of this stuff(svg mostly) in bookstack! Looks like it doesn't export as pdf and the preview is blank. Internal links seem not to work. But it looks ok on the page (aside from being too wide in places.

- **BNFProduction:**

```
publicprivateprotectedReturnType#<IDENTIFIER>FormalParametersThrowsListTreeNodeDescriptorRECOVER_TO  
ExpansionChoice:<IDENTIFIER>:Block#ExpansionChoice;
```

- **TreeNodeDescriptor:**

```
#Nameabstractinterfacevoid(>>=<<=+-Expression)
```

- **ExpansionChoice:**

```
|1..NExpansionSequence
```

- **ExpansionSequence:**

```
LookaheadExpansionUnit!
```

- **ExpansionUnit:**

```
UNCACHE_TOKENSFailureCodeBlock#UnparsedCodeBlockAttemptBlockTryBlockAssertion  
ExpansionWithParenthesesZeroOrOneTerminalNonTerminalInlineTreeNodeDescriptor
```

- **Failure:**

```
FAIL:ExpressionCodeBlock
```

- **AttemptBlock:**

```
ATTEMPTExpansionChoiceRECOVERExpansionWithParenthesesCodeBlock
```

- **UnparsedCodeBlock:**

```
{${UNPARSED_CONTENT}$}
```

- **TryBlock:**

```
try{ExpansionChoice}CatchBlockFinallyBlock
```

- **Assertion:**

```
ASSERT{Expression}#~(ExpansionChoice):Expression:=>||
```

- **ExpansionWithParentheses:**

```
LexicalStateSwitchTokenActivationAssignment(ExpansionChoice)*?!=>||
```

- **ZeroOrOne:**

```
LexicalStateSwitchTokenActivationAssignment[ExpansionChoice]!=>||
```

- **NonTerminal:**

```
Assignment<IDENTIFIER>InvocationArguments!ChildNameInfo=>||
```

- **Terminal:**

```
AssignmentRegexpStringLiteralRegexpRefEndOfFile!ChildNameInfo=>||
```

- **InlineTreeNodeDescriptor:**

```
\Assignment#Name(>>=<<=+-Expression)(Expression)
```

- Assignment:

@Name/Name/=:==?:=?=\$=\$+=:+=