

3.3 Operators

[Return to DIDO CLI Background](#)

MULTI_CHARACTER_OPERATORS

[Return to Top](#)

ADDITION_ASSIGNMENT

[Return to MULTI_CHARACTER_OPERATORS](#)

The addition arithmetic operator '+' for numeric values or the concatenation operator for text strings.

```
ADDITION_ASSIGNMENT ::= "(\\+\\=)"
```

GREATER_THAN_OR_EQUAL_TO

[Return to MULTI_CHARACTER_OPERATORS](#)

The greater-than-or-equal-to comparison operator '>='.

```
GREATER_THAN_OR_EQUAL_TO ::= "(\\>\\=)"
```

LESS_THAN_OR_EQUAL_TO

[Return to MULTI_CHARACTER_OPERATORS](#)

The less-than-or-equal-to comparison operator '<='.

```
LESS_THAN_OR_EQUAL_TO ::= "(\\<\\=)"
```

NOT_EQUAL_TO

[Return to MULTI_CHARACTER_OPERATORS](#)

The not-equal-to comparison operator '!=' or '<>'.

```
NOT_EQUAL_TO ::= "(\\!\\=)(|\\<\\>)"
```

SHIFT_LEFT

[Return to MULTI_CHARACTER_OPERATORS](#)

The bitwise shift-left operator '«'.

```
SHIFT_LEFT ::= "(\\<\\<)"
```

SHIFT_RIGHT

[Return to MULTI_CHARACTER_OPERATORS](#)

The bitwise shift-right operator '»'.

```
SHIFT_RIGHT ::= "(\\>\\>)"
```

SUBTRACTION_ASSIGNMENMT

[Return to MULTI_CHARACTER_OPERATORS](#)

The subtraction arithmetic operator '-' for numeric values.

```
SUBTRACTION_ASSIGNMENMT ::= "(\\-\\=)"
```

Inclusive List

[Return to MULTI_CHARACTER_OPERATORS](#)

The following is an inclusive list of the MULTI_CHARACTER_OPERATORS:

```
MULTI_CHARACTER_OPERATORS  
:= ADDITION_ASSIGNMENMT  
| GREATER_THAN_OR_EQUAL_TO  
| LESS_THAN_OR_EQUAL_TO  
| NOT_EQUAL_TO  
| SHIFT_LEFT  
| SHIFT_RIGHT  
| SUBTRACTION_ASSIGNMENMT
```

SINGLE_CHARACTER_OPERATORS

[Return to Top](#)

ADDITION

[Return to SINGLE_CHARACTER_OPERATORS](#)

The addition arithmetic operator '+' for numeric values or the concatenation operator for text strings.

```
ADDITION ::= "(\\+)"
```

DIVISION

[Return to SINGLE_CHARACTER_OPERATORS](#)

The addition division operator '/' for numeric values.

```
DIVISION ::= "(\\/)"
```

GREATER_THAN

[Return to SINGLE_CHARACTER_OPERATORS](#)

The great-than comparison operator '>' for numeric values.

```
GREATER_THAN ::= "(\\>)"
```

LESS_THAN

[Return to SINGLE_CHARACTER_OPERATORS](#)

The less-than comparison operator '<' for numeric values.

```
LESS_THAN ::= "(\\<)"
```

MODULO

[Return to SINGLE_CHARACTER_OPERATORS](#)

The modulo arithmetic operator '%' for numeric values.

```
MODULO ::= "(\\%)"
```

MULTIPLICATION

[Return to SINGLE_CHARACTER_OPERATORS](#)

The multiplication division operator '/' for numeric values.

```
MULTIPLICATION ::= "(\\*)"
```

TO_THE_POWER

[Return to SINGLE_CHARACTER_OPERATORS](#)

The exponential operator '^' for numeric values.

```
TO_THE_POWER ::= "(\\^)"
```

SUBTRACTION

[Return to SINGLE_CHARACTER_OPERATORS](#)

The subtraction arithmetic operator '-' for numeric values

```
SUBTRACTION ::= "(\\-)"
```

Inclusive List

[Return to SINGLE_CHARACTER_OPERATORS](#)

The following are the Single Characters

```
MULTI_CHARACTER_OPERATORS
 ::= ADDITION
    | DIVISION
    | GREATER_THAN
    | LESS_THAN
    | MODULO
    | MULTIPLICATION
```

```
| TO_THE_POWER  
| SUBTRACTION
```

```
::= "[\\(\\)\\[\\]\\{\\}\\%\\/\\*\\+\\-\\<\\>\\=\\:\\&\\|\\^]"
```

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