

**matescript**

Simple programming language for usage within the MissionEDU eco system.

Command termination

A block is terminated with a semicolon

Comments

Comments are text between a # and a \n

Datatypes

Supported data types:

- int (presentation as 32 bit integer)
- float (presentation as C-float)
- bool (presentation as C++-bool)

Integer: 1000000
float: 23.23531
bool: true, false

Function calls

Predefined functions can be called in a c-like syntax:

```
function();  
function(10);  
function(10, true);  
function(0.2342, false, 102323);
```

Flow control

Supported flow control:

- if and else
- while
- count

```
if function() > 10 { #if function result bigger 10  
}
```

```
if 10 < function() { #if function result bigger 10  
} else { #else  
}
```

```
while function() < 10 { #while function result smaller 10  
}
```

```
count 10 { #Repeat 10 times
```



OA: SD;PM

Last updated 05. 03. 2017

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