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LANGUAGE

FUNCTIONS

VARIABLES

STRUCTURE

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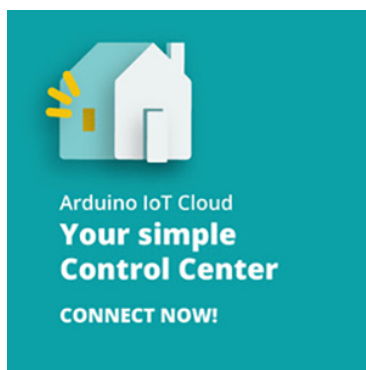
IOT CLOUD API

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Reference > Language > Functions > Communication > Serial > Parsefloat

Serial.parseFloat()

Description

`Serial.parseFloat()` returns the first valid floating point number from the Serial buffer. `parseFloat()` is terminated by the first character that is not a floating point number. The function terminates if it times out (see [Serial.setTimeout\(\)](#)).

`Serial.parseFloat()` inherits from the [Stream](#) utility class.

Syntax

`Serial.parseFloat()`

`Serial.parseFloat(lookahead)`

`Serial.parseFloat(lookahead, ignore)`

Parameters

Serial: serial port object. See the list of available serial ports for each board on the [Serial main page](#).

lookahead: the mode used to look ahead in the stream for a floating point number. Allowed data types: `LookaheadMode`. Allowed `lookahead` values:

- `SKIP_ALL`: all characters other than a minus sign, decimal point, or digits are ignored when scanning the stream for a floating point number. This is the default mode.
- `SKIP_NONE`: Nothing is skipped, and the stream is not touched unless the first waiting character is valid.
- `SKIP_WHITESPACE`: Only tabs, spaces, line feeds, and carriage returns are skipped.

Help

RESULTS

Data type: float.

See also

LANGUAGE [stream\(\)](#)

LANGUAGE [Stream.parseFloat\(\)](#)

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