

# isValid

Tests whether a value meets a validation or data type rule.

**isValid(type, value, min, max, pattern) → *returns boolean***

CFDocs (/) > Functions (/functions) > Decision Functions (/decision%2Dfunctions) > isValid

CF7+ (<https://helpx.adobe.com/coldfusion/cfml-reference/coldfusion-functions/functions-in-k/isValid.html>)

BD (<http://openbd.org/manual/?/function/isValid>)

Lucee (<http://docs.lucee.org/reference/functions/isValid.html>)

[thub.com/foundeo/cfdocs/issues?q=is:issue%20is:open%20isValid](https://github.com/foundeo/cfdocs/issues?q=is:issue%20is:open%20isValid)) Issue (<https://github.com/foundeo/cfdocs/issues/new?title=isValid>)

Edit (<https://github.com/foundeo/cfdocs/edit/master/data/en/isValid.json>)

See Also: [isarray \(/isarray\)](#) [issimplevalue \(/issimplevalue\)](#) [isnumeric \(/isnumeric\)](#) [isboolean \(/isboolean\)](#) [isdate \(/isdate\)](#)

[cfparam \(/cfparam\)](#)

## ISVALID ARGUMENT REFERENCE

type *string*

Required

The valid format for the data.

**Values:**

- Any
- Array
- Binary
- boolean
- creditcard
- date
- time
- email
- eurodate
- float
- Numeric
- guid
- integer

- Query
- range
- Regex
- regular\_expression
- ssn
- social\_security\_number
- String
- Struct
- telephone
- URL
- UUID
- usdate
- variablename
- xml
- zipcode
- component

value *any*

Required

The value to test.

min *numeric*

Required

The minimum valid value; used only for range validation.

max *numeric*

Required

The maximum valid value; used only for range validation.

pattern *string*

Required

A regular expression that the parameter must match;  
used only for regex or regular\_expression validation.

## COMPATIBILITY

ColdFusion:

**Version 7+** CF8+ - added component as a type option. CF11+ - no longer allows currency symbols at the start and commas inside a number. Can be reverted to legacy mode by setting `this.strictNumberValidation = false` in `Application.cfc` (/application%2Dcfc)

## EXAMPLES SAMPLE CODE INVOKING THE ISVALID FUNCTION

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```
Check to see if a 235 is an integer
```

```
Validate an Email Address
```

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