JSON Data Types

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Valid Data Types

In JSON, values must be one of the following data types:

* a string
* a number
* an object (JSON object)
* an array
* a boolean
* *null*

JSON values **cannot**be one of the following data types:

* a function
* a date
* *undefined*

JSON Strings

Strings in JSON must be written in double quotes.

Example

{"name":"John"}

JSON Numbers

Numbers in JSON must be an integer or a floating point.

Example

{"age":30}

JSON Objects

Values in JSON can be objects.

Example

{  
"employee":{"name":"John", "age":30, "city":"New York"}  
}

Objects as values in JSON must follow the JSON syntax.

JSON Arrays

Values in JSON can be arrays.

Example

{  
"employees":["John", "Anna", "Peter"]  
}

JSON Booleans

Values in JSON can be true/false.

Example

{"sale":true}

JSON null

Values in JSON can be null.

Example

{"middlename":null}