

JSON & BSON Cheat Sheet

by SpookyBaner via cheatography.com/173754/cs/36505/

```
Example
{
    " id": " cb7 d21 b7- b1c f-4 a15 -af 0a- 400 -
25f 354 3f9 ",
    " fir stN ame ": " Joh n",
    " las tNa me": " Doe ",
    " max Sco re": 4912,
    " min Sco re": -123.14,
    " sco reH ist ory ": [
            " dat e": " 201 7-0 4-1 2",
            " sco re": 123
       },
            " dat e": " 201 9-1 0-0 3",
            " sco re": 628
       },
            " dat e": " 202 1-0 7-2 6",
            " sco re": 845
  ],
    " add res s": {
        " num ber ": 4,
        " str eet ": " Privet Drive",
        " cit y": " Little Whingi ng",
        " zip ": 4859,
        " cou ntr y": " Great Britai n"
   },
    " act ive ": true,
    " sel ect ed": false,
    " sel ect edD ate ": null
```

JSON Types

String Sequence of zero or more Unicode characters.

Strings are delimited with double quotation marks and support a backslash escaping syntax.

Number Signed decimal number that may contain a fractional part and may use exponential E notation.

Object Collection of name-value pairs where the names (also called keys) are strings.

JSON Types (cont)

Array
Ordered list of zero or more elements, each of which may be of any type.
Arrays use square bracket notation with comma-separated elements.

Boolean Either of the values true or false.

null Empty value, using the word null.

BSON Types	
Double	64-bit floating point number.
Binary Data	Byte array.
ObjectId	12-byte objectId consists of:4-byte timestamp5-byte random value3-byte incrementing counter.
Date	Datetime without time zone.
Regular Expression	Perl compatible regular expression.
JavaScript	JavaScript code.
32bit integer	32-bit integer.
Timestamp	Timestamp.
64bit integer	64-bit integer.
Decimal128	128-bit decimal floating point.

These types complement JSON types

Escaping Characters	
\"	double quotes
\\	backslash
V	slash
\b	backspace
\f	form feed
\n	newline
\r	carriage return
\t	horizontal tab
\uXXXX	XXXX is the 4-digit hexadecimal unicode code for the character



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