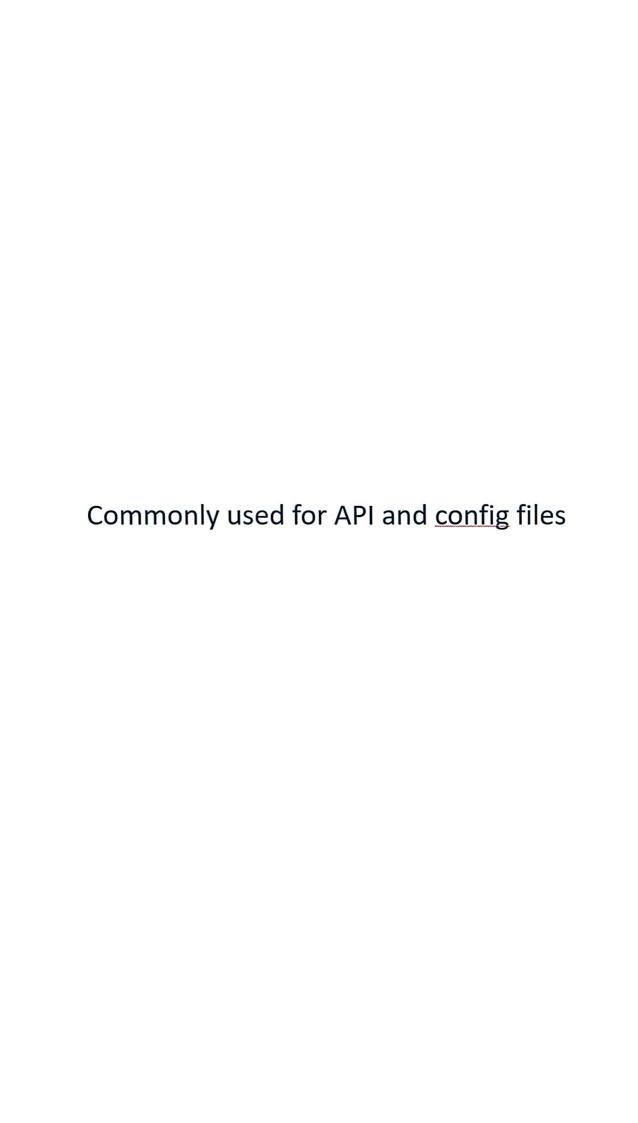


JSON



JSON is a text format for storing and transpor	ting data



JSON syntax is derived from JavaScript object notation syntax:

Data is in name/value pairs
Data is separated by commas
Curly braces hold objects
Square brackets hold arrays

```
{
    "name": "vishwajeet kumar",
    "age": 25,
    "lang": ["c", "c++", "java", "php", "python"]
}
```

JSON is la (Code for reading and gene	anguage independer rating JSON exists in languages.)	



Then why JSON

- JSON is faster in term of data parsing
- JSON is cleaner than XML
- JSON is light weight than xml
- Easy to read and write

JSON vs XML

B

JSON

XML

```
{ "empinfo":
<empinfo>
  <employees>
     <employee>
                                                   "employees": [
       <name>James Kirk</name>
                                                       "name": "James Kirk",
       <age>40></age>
                                                       "age": 40,
     </employee>
     <employee>
                                                   },
       <name>Jean-Luc Picard</name>
                                                      "name": "Jean-Luc Picard",
       <age>45</age>
                                                      "age": 45,
     </employee>
     <employee>
                                                   },
       <name>Wesley Crusher</name>
       <age>27</age>
                                                       "name": "Wesley Crusher",
     </employee>
                                                      "age": 27,
  </employees>
</empinfo>
                                                                ]
                                             }
                                           }
```