

# JSON

## TRADUCCIÓ JSON A XML

```
<?xml version="1.0" encoding="UTF-8"?>
  <basic_info>
    <name> Peter </name>
    <surname> Jones</surname>
    <age> 19 </age>
    <height> 1.78 </height>
    <job> Informàtic </job>
    <favorite_smile> <3 </favorite smile>
    <pets>
      <pet> black cat </pet>
      <pet> chiwawa </pet>
    </pets>
    <address>
      <street> Pau Claris </street>
      <number> 121 </number>
      <cp> 08012 </cp>
    </address>
  </basic_info>
  </social_media>
  <instagram>
    <user> pjones22 </user>
    <email> pjones22@gmail.com </email>
  </instagram>
  </twitter> true </twitter>
</social_media>
<friends>
  <friend>
    <name> Jhon </name>
    <surname> Doe </surname>
    <age> 35 </age>
  </friend>
  <friend>
    <name> Anna </name>
    <surname> Smith </surname>
    <age> null </age>
  </friend>
</friends>
```

```
1 {
2   "basic_info":
3   {
4     "name": "Peter",
5     "surname": "Jones",
6     "age": 19,
7     "height": 1.78,
8     "job": "Informàtic",
9     "favorite_smile": "<3",
10    "pets": ["black cat", "chiwawa"],
11    "address":
12    {
13      "street": "Pau Claris",
14      "number": 121,
15      "cp": "08012"
16    }
17  },
18  "social_media":
19  {
20    "instagram":
21    {
22      "user": "pjones22",
23      "email": "pjones22@gmail.com"
24    },
25    "twitter": true
26  },
27  "friends":
28  [
29    {
30      "name": "Jhon",
31      "surname": "Doe",
32      "age": 35
33    },
34    {
35      "name": "Anna",
36      "surname": "Smith",
37      "age": null
38    }
39  ]
40 }
```

# TRADUCCIÓ XML A JSON

```
{
  "devices": [
    {
      "type": "computer",
      "name": "Matebook",
      "company": "Huawei",
      "inches": 13,
      "stock": true,
      "price": {
        "currency": "€",
        "value": 780
      },
      "internal_info": "C:\\Documents\\files\\matebook.json/internal_info"
    },
    {
      "type": "computer",
      "name": "Titan",
      "company": "Slimbook",
      "inches": 15.6,
      "stock": true,
      "price": {
        "currency": "$",
        "value": 1949
      },
      "slogan": "Slimbook Titan: Unleash Power in Every Pixel", "Slimbook Titan: Powerhouse Performance"
    },
    {
      "type": "tablet",
      "name": "Matepad",
      "company": "Huawei",
      "inches": 10.4,
      "stock": false,
      "price": {
        "currency": "€",
        "value": 0
      },
      "characteristics": [ ] }, {
      "type": "smartphone",
      "name": "P50 Pocket",
      "company": "Huawei",
      "inches": 9,
      "stock": true,
      "price": {
        "currency": "€",
        "value": 999,
        "discount": "3%"
      },
      "characteristics": [ "5000mAh battery", "Super AMOLED Plus", "USB-C" ]
    }
  ]
}
```

// tanca l'últim device

// tanca devices

# JSON POKEMON

```
{
  "pokemons":
  [
    {
      "id": "A1",
      "nom": "Bulbasaur",
      "tipus": ["planta", "veneno"],
      "pes": "6.9kg",
      "altura": "0.7m",
      "estadistiques":
      {
        "velocitat": 3,
        "fortalesa": 3,
        "precisio": 4,
        "resistencia": 4
      },
      "moviments":
      [
        {
          "nom": "placaje",
          "descripcio": "Placaje causa daño y no tiene ningún efecto secundario. Este movimiento tiene una potencia de 35 y una precisión del 95%",
          "potencia": 40,
          "contacte": "sí"
        },
        {
          "nom": "gruñido",
          "descripcio": "es un movimiento de sonido que baja un nivel el ataque del objetivo.",
          "potencia": "NULL",
          "contacte": "no"
        }
      ],

      "imatge": "https://images.wikidexcdn.net/mwuploads/wikidex/4/43/latest/20190406170624/Bulbasaur.png",
      "evolucions":
      [
        {
          "pokemons_id": "A2",
```

```

        "nivell":16,
    },
    {
        "pokemons_id":"A3",
        "nivell":32
    }
]

},
{
    "id":"B1",
    "nom":"Charmander",
    "tipus": ["fuego"],
    "pes":"8,5kg",
    "altura":"0.6m",
    "estadistiques":
    {
        "velocitat":3,
        "fortalesa":5,
        "precisio":4,
        "resistencia":3
    },
    "moviments":
    [
        {
            "nom":"arañazo",
            "descripcio":"Arañazo causa daño y no tiene ningún efecto
secundario.",
            "potencia":40,
            "contacte":"si"
        },
        {
            "nom":"gruñido",
            "descripcio":"es un movimiento de sonido que baja un nivel el
ataque del objetivo.",
            "potencia":"NULL",
            "contacte":"no"
        }
    ],

    "imatge":"https://images.wikidexcdn.net/mwuploads/wikidex/5/56/latest/2
0200307023245/Charmander.png",
    "evolucions":

```

```
[
  {
    "pokemons_id": "B2",
    "nivell": 16,
  },
  {
    "pokemons_id": "B3",
    "nivell": 36
  }
]
}
```

```
]
}
```