Data Formats

When we use the internet, we make HTTP request and get HTML back.

API's don't respond with HTML. HTML contains information about the structure of a page. API's respond with data, not structure.

They use simpler data formats like XML and JSON

XML

Extended Markup Language

XML is syntacticly similar to HTML, but it does not describe presentation like HTML does

JSON

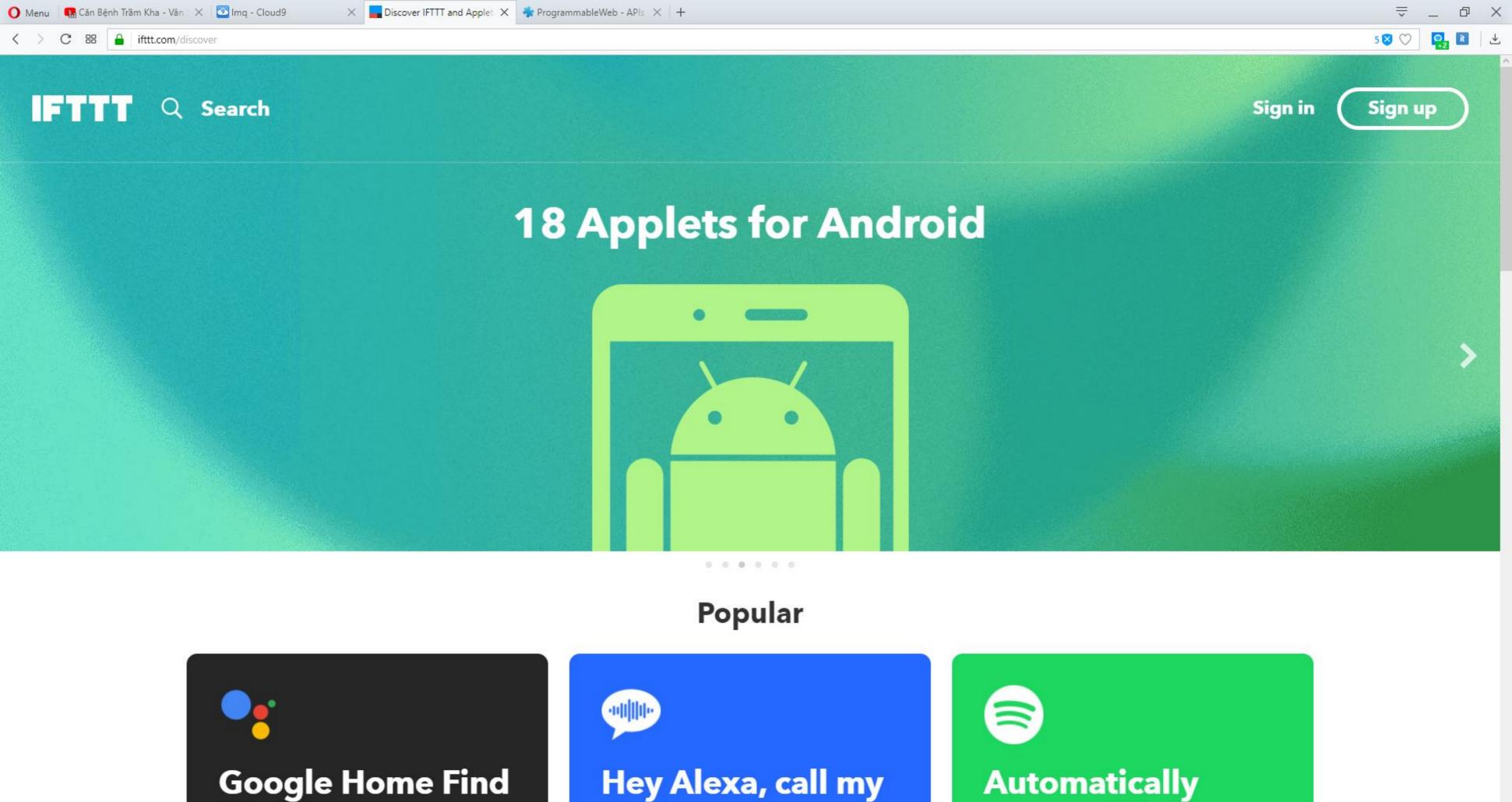
Javascript Object Notation

|SON looks exactly like JavaScript objects, but everything is a string

```
{
   "person": {
      "age": "21",
      "name": "Travis",
      "city": "Los Angeles"
   }
}
```

XML vs. JSON

```
"person": {
    "age": "21",
    "name": "Travis",
    "city": "Los Angeles"
}
}
```

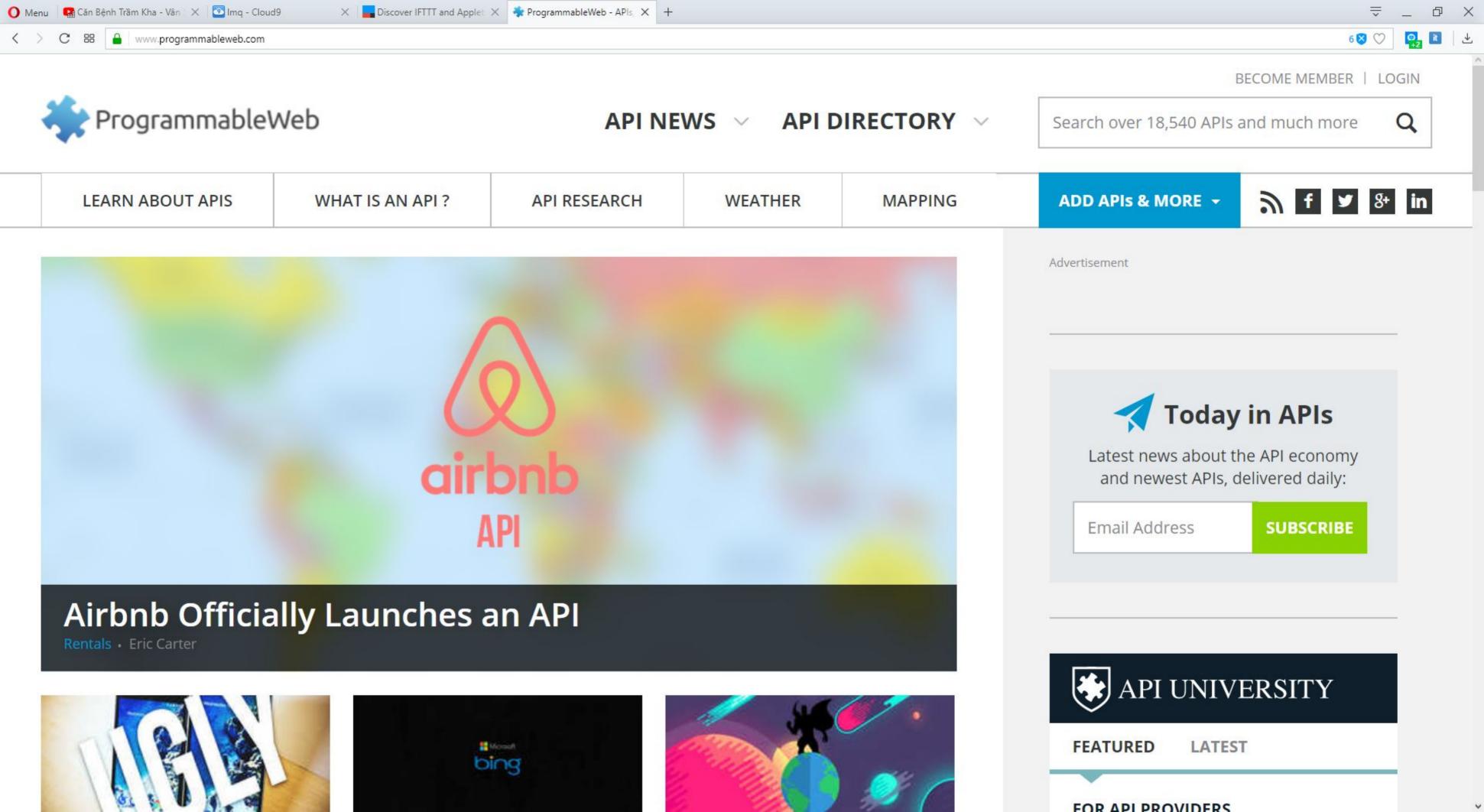


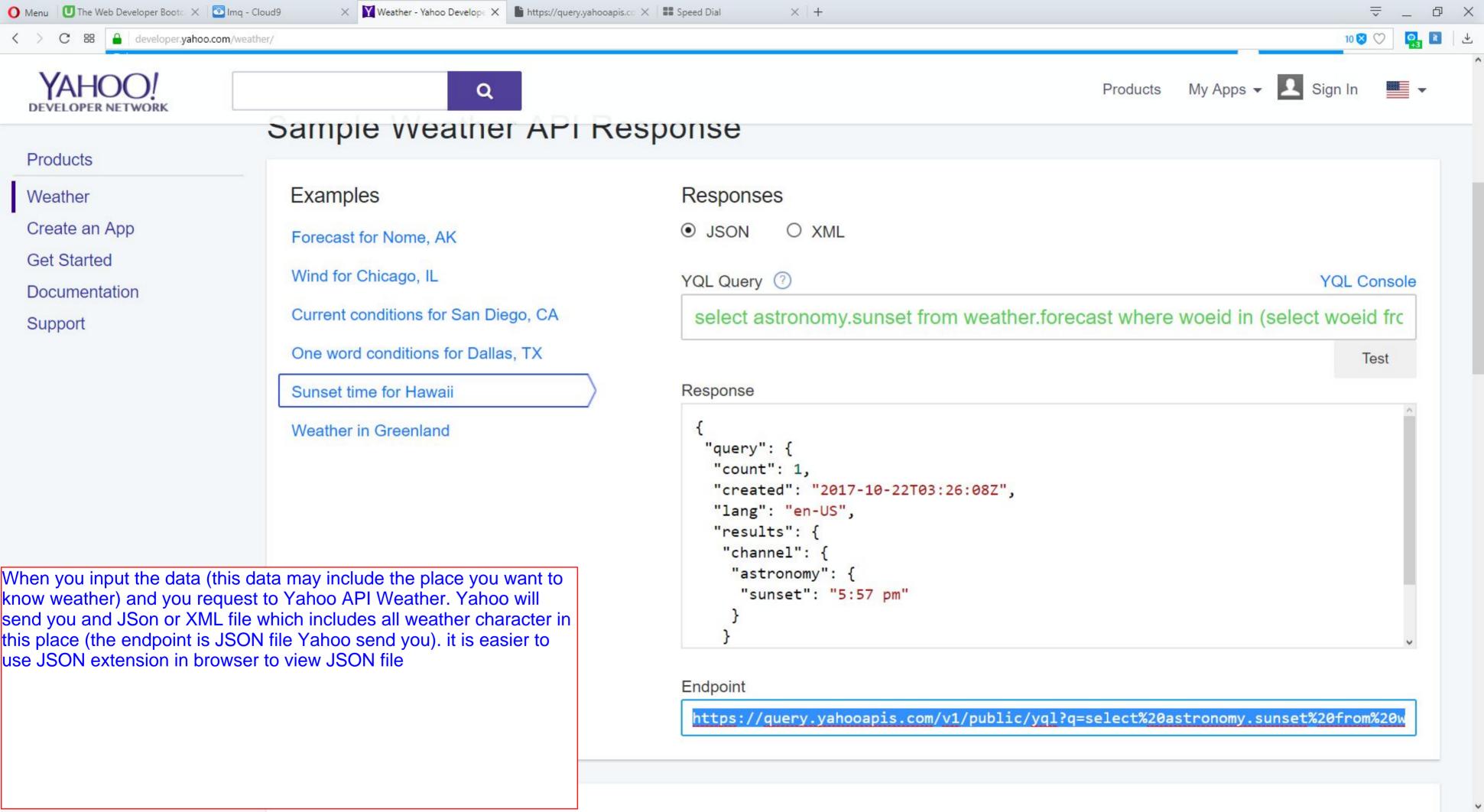
device

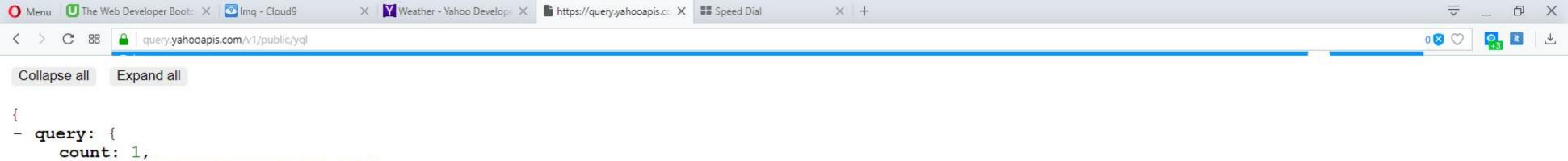
My Phone

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create a Discover







created: "2017-10-22T03:26:13Z",

sunset: "5:57 pm"

lang: "en-US",

- channel: {

- astronomy: {

- results: {