

iOS Project:

Parsing JSON

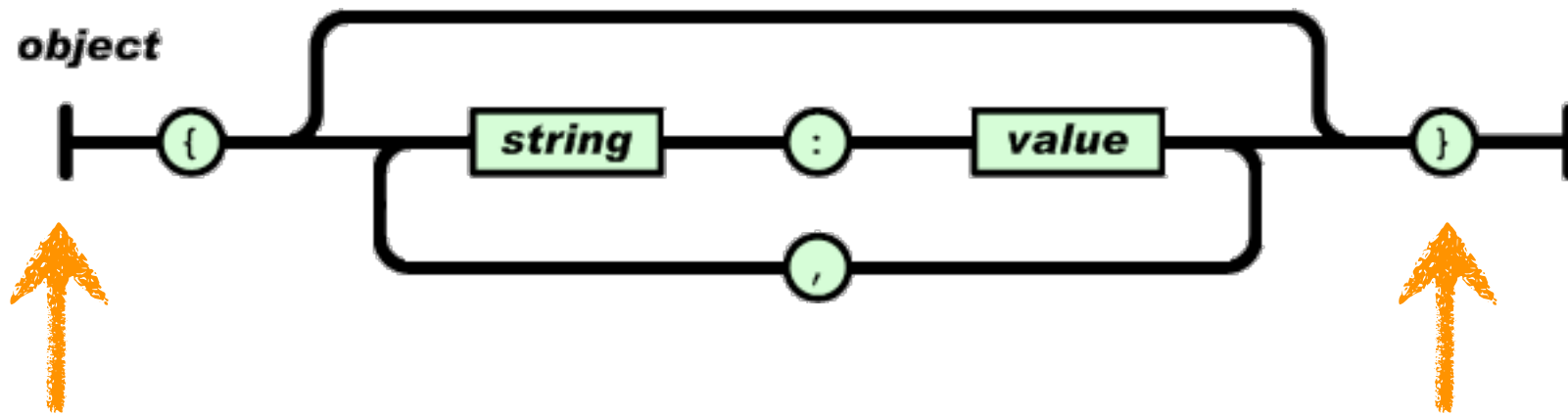
Using SBJSON Framework

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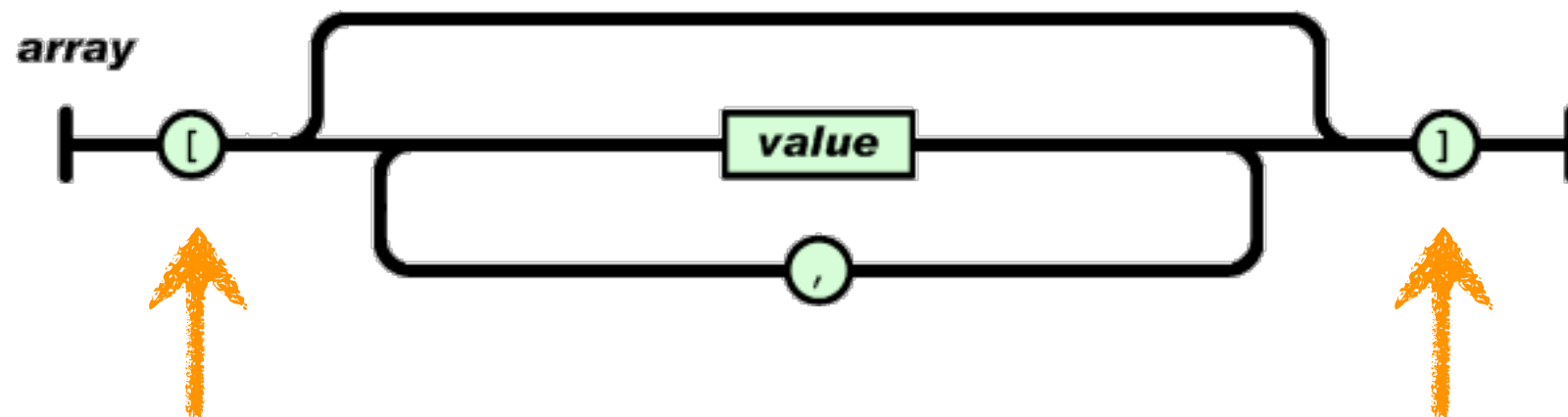
What is JSON

- JavaScript Object Notation
 - lightweight data-interchange format
 - Language independent
 - Collection of Name/Value pairs



Left Brace

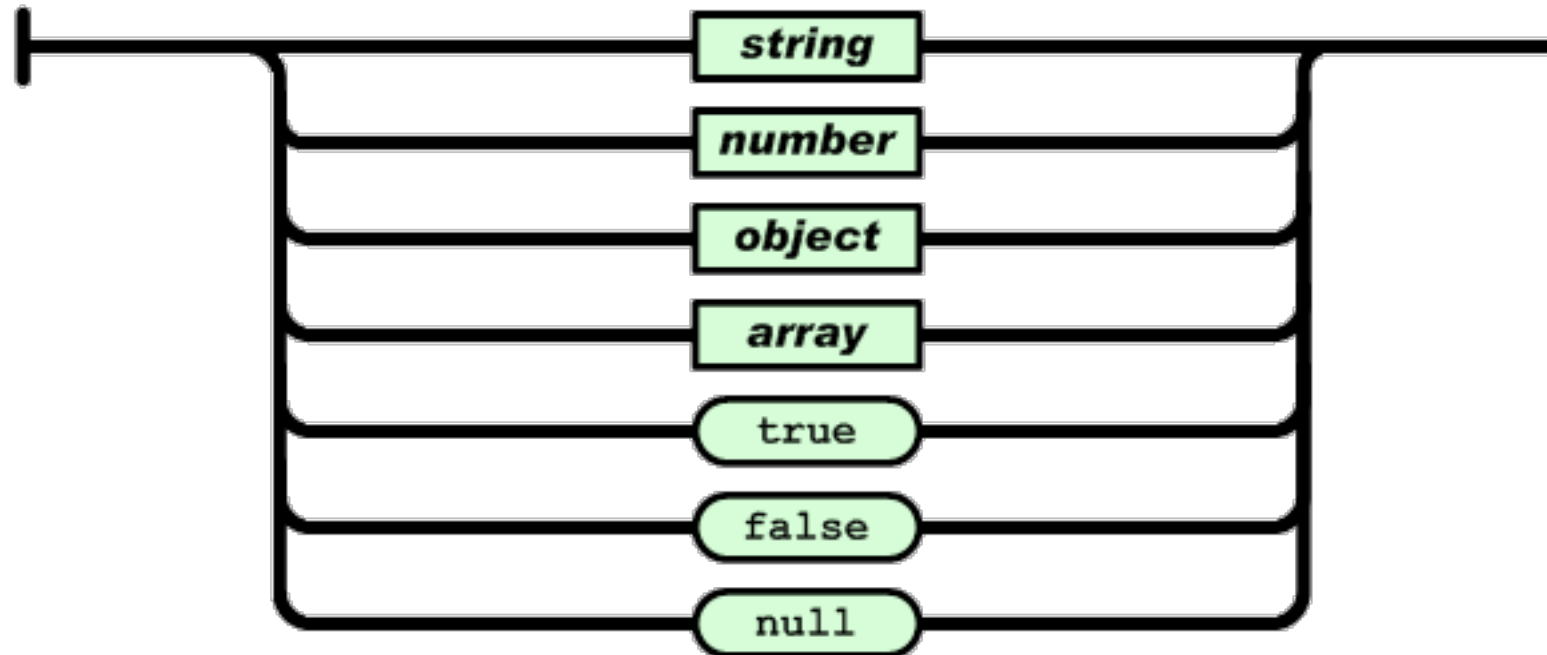
Right Brace



Left Bracket

Right Bracket

value



Json Example

Hacker News

<http://news.ycombinator.com/>

```
▼<items>
  ▼<PageItem>
    ▼<title>
      Intro to Data Science at UC Berkeley
      taught by Jeff Hammerbacher
    </title>
    <url>http://datascienc.es/schedule/</url>
    <id>3705201</id>
    <commentCount>8</commentCount>
    <points>50</points>
    <postedAgo>1 hour ago</postedAgo>
    <postedBy>rxin</postedBy>
  </PageItem>
```

```
{"nextId":null,"items":[{"title":"Intro to Data  
Science at UC Berkeley taught by Jeff  
Hammerbacher","url":"http://datascienc.es/schedu  
le/","id":3705201,"commentCount":8,"points":50,"  
postedAgo":"1 hour ago","postedBy":"rxin"},  
{"title":"Arch Linux turns  
10","url":"http://www.archlinux.org/news/arch-  
linux-turns-  
10/","id":3704679,"commentCount":28,"points":117  
,"postedAgo":"2 hours  
ago","postedBy":"AbyCodes"}, {"title":"Why \ "More
```


How to Use SBJson

- NSDictionary *dict = [myString JSONValue];
- NSString *string = [myDictionary JSONRepresentation];

Hands On!

Summary

- Constants with #define
- Synchronous network call with NSString; check error var!
- NSEnumerator
- Used SBJson Categories
- Read Hacker News!

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