



JSON Data

Demo

JavaScript Object Notation (JSON)

- Standard for “serializing” data objects in human-readable format
- Useful for data interchange, and for representing & storing semistructured data

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  [  
    { "ISBN":"ISBN-0-13-713526-2",  
      "Price":85,  
      "Edition":3,  
      "Title":"A First Course in Database Systems",  
      "Authors":[ { "First_Name":"Jeffrey", "Last_Name":"Ullman"},  
                   { "First_Name":"Jennifer", "Last_Name":"Widom"} ] }  
    ,  
    { "ISBN":"ISBN-0-13-815504-6",  
      "Price":100,  
      "Remark":"Buy this book bundled with 'A First Course' - a great deal!",  
      "Title":"Database Systems:The Complete Book",  
      "Authors":[ { "First_Name":"Hector", "Last_Name":"Garcia-Molina"},  
                   { "First_Name":"Jeffrey", "Last_Name":"Ullman"},  
                   { "First_Name":"Jennifer", "Last_Name":"Widom"} ] }  
  ]  
}
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      "Year":2009 },  
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    { "Title":"Newsweek",  
      "Month":"February",  
      "Year":2009 }  
  ]  
}
```



Basic constructs (recursive)

- Base values
number, string, boolean, ...
- Objects { }
sets of label-value pairs
- Arrays []
lists of values

Demo

- Constructs and syntactic correctness
- Flexibility
- JSON Schema, validation

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