

JSON Data

Demo

JSON 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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    "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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    "Month": "January",
    "Year":2009 }
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    "Month": "February",
    "Year":2009 }
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Basic constructs (recursive)

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

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

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