

# json egg

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A JSON library  
Extension for Chicken Scheme  
Version 1.0

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# 1 About this egg

## 1.1 Version history

1.0 Initial release

## 1.2 Requirements

This egg requires the following extensions:

`syntax-case`, `packrat`

## 1.3 Usage

Load this egg like so:

```
(require-extension json)
```

## 2 Documentation

This extension implements a parser and generator for the **JSON** data interchange format.

`json-write` [procedure]

`(json-write OBJECT [PORT])`

Writes the Scheme data object `OBJECT` in JSON format to `PORT`, which defaults to the value of `(current-output-port)`.

Scheme data is mapped to JSON format in the following way:

<b>Scheme</b>	<b>JSON</b>
Hash-table	Structure
Vector	Structure (assuming vector consists of (SYMBOL . DATA) pairs)
List	Array
Number	Number
Void	Null
String or symbol	String

`json-read` [procedure]

`(json-read [PORT])`

Reads data in JSON format from `PORT`, which defaults to the value of `(current-input-port)`.

## 3 License

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