WISE

Introduction to use JSON format data in R

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Create a dataset in R

First, we create a list x in R

R code:

```
#create a list in R
x <- list( alpha = 1:5, beta = "Bravo",
        gamma = list(a=1:3, b=NULL),
        delta = c(TRUE, FALSE) )
```

Transfer data in R into a JSON format

Next, we use the function toJSON in package rjson to transfer the list x in R into a JSON format, and rename json.

R code:

```
#transfer it to JSON
json <- toJSON( x )
```

Read the json again

Finally, we use the function fromJSON in package rjson to read the file json we create again

R code:

```
#read it again
fromJSON( json )
```

The results are as follows:

```
> fromJSON( json ) $alpha [1] 1 2 3 4 5 $beta [1] "Bravo" $gamma $gamma$a [1] 1 2 3 $gamma$b NULL $delta [1] TRUE FALSE
```

Thank you

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