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Simple syntax highlighted & preview

Note: Remember that this is only a preview, and has not yet been saved!

1. Text output

This code:

```r
1:10
```

Produces:

```r
[1] 1 2 3 4 5 6 7 8 9 10
```
Escaping Wiki syntax

---

hello

---

Parsing Wiki Syntax

---

hello

---

Simple Interface: list runs/datasets

---

<table>
<thead>
<tr>
<th>Summary</th>
<th>Description</th>
<th>From user</th>
<th>Dataset file</th>
<th>Minimum value for axis X</th>
<th>Maximum value for axis X</th>
<th>LastModif</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample dataset</td>
<td>This dataset was created as part of the sample data for r_test.</td>
<td>admin</td>
<td>1</td>
<td>10</td>
<td>30</td>
<td>2013-08-30 17:37</td>
</tr>
<tr>
<td>We are working on this dataset</td>
<td>This will soon be changed</td>
<td>admin</td>
<td>21</td>
<td>30</td>
<td>100</td>
<td>2012-05-11 16:57</td>
</tr>
<tr>
<td>A really old dataset</td>
<td>This dataset is outdated.</td>
<td>admin</td>
<td>100</td>
<td>110</td>
<td>1</td>
<td>2012-05-11 16:57</td>
</tr>
</tbody>
</table>
Simple interface: Results for one run/dataset

Results

Values for X:
min: 1
max: 10

Those are the results:

Results from 1*10: 10
No attachment to display in this raw dataset

Graph with xmin 1 & xmax 10 and y=x^2

Simple templates for custom output
Flexible databases in Trackers to hold run parameters

Optional pop up helpers to edit plugin calls based on GUI

1. Basic image

R Code

```r
if(require(Cairo)){
  install.packages("Cairo", repos="http://ftp.heanet.ie/mirrors/CRAN.r-project.org")
}
1: x<=c(1:10)
2: y <- x*x
3: plot(x,y)
```
Nice word clouds from just a few lines of R code

Custom maps with GoogleVis

```r
G5 <- gvVisGeoMap(CiudadPopular, locationvar="Ciudad", numvar="Popular", options=list(region="ES", height=350, dataMode="markers", colors=[0xFF8747, 0xFFB551, 0x006000])

# plot(G5)
print(G5, "chart")
```

Spanish city popularity after UseR!2013 ;-)
Embedded plot.ly charts

Fun with the Lognormal distribution

Embedded plot.ly charts: Heatmaps

x: Wednesday
y: Afternoon
z: 50
Mobile display mode when needed

rCharts

rCharts is an R package to create, customize and publish interactive javascript visualizations from R using a familiar lattice style plotting interface. It has been created by Ramanth Vaidyanathan. See more here: http://rcharts.io/

Below you will find a series of examples of nice charts using rcharts http://rcharts.io and the corresponding javascript library used in each case.

Page contents:
- Introduction
- Examples
- Credits
- License
Obama has 106 ways to win 83% of paths

Romney has 18 ways to win 14% of paths

rCharts: show data on hover & control vars. displayed

Toggle display of variables by clicking on them in legend
rCharts: Easy creation of georeferenced custom maps

rCharts: Interactive magnification of figure regions
**rCharts:** Select time range on X and vars on Y

**Clickme:** Interactive filtering charts by point names

- **rCharts**
  - Move slider ends on X axis to filter on new time frame and toggle variables clicking on legend.

- **Clickme**
  - Show names (500)
  - Groups: Show all
    - A (168)
    - B (165)
    - C (167)
Clickme: highlight data points with partial filter match

- INSIG2
  - Significance (-log10): 3.62
  - Fold-change (log2): -0.72
  - Probe: A_33_P3321342
  - Groups: Noise

-Show names (500)

-Groups:
  - Noise (279)
  - Significant (221)

Animation in time-based charts

- Violent Crime Rate in Decade 1961-1970
  - CrimeRate: Low, Medium, High

- Map of the United States with crime rate colors varying from green to red
Ecoengine: distribution maps based on database records

Ecoengine: Photo viewer based on remote ecological data