

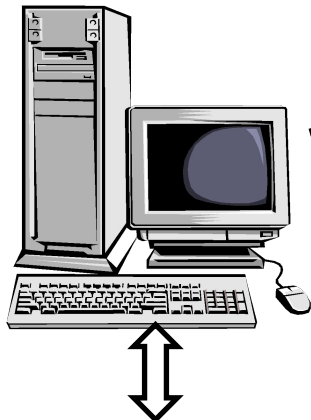


Сервер вычислений и web- интерфейс для работы с математическими и статистическими пакетами

д-т Чичкарев Е.А.
Стариков И.В.

Концепция удаленных вычислительных систем

Сеть

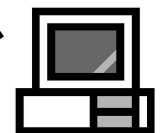
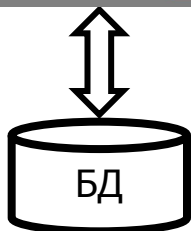
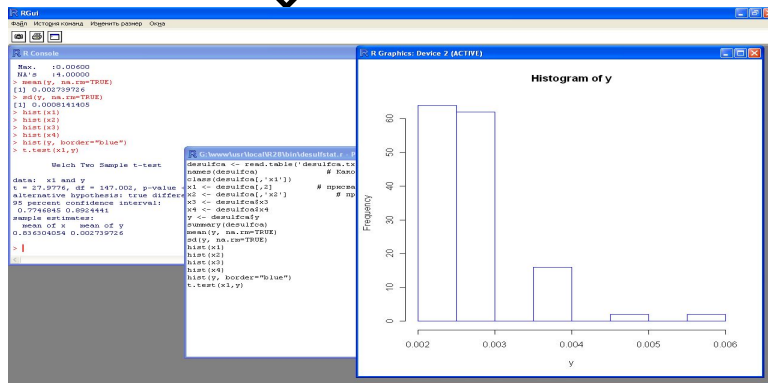
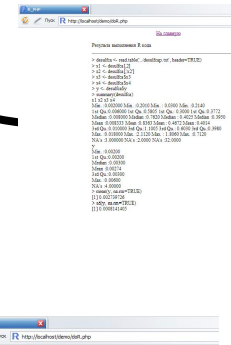


http

http



Клиент 1



Клиент 2

Коммерческие реализации

Создать вкладку TWT department of MPE... X

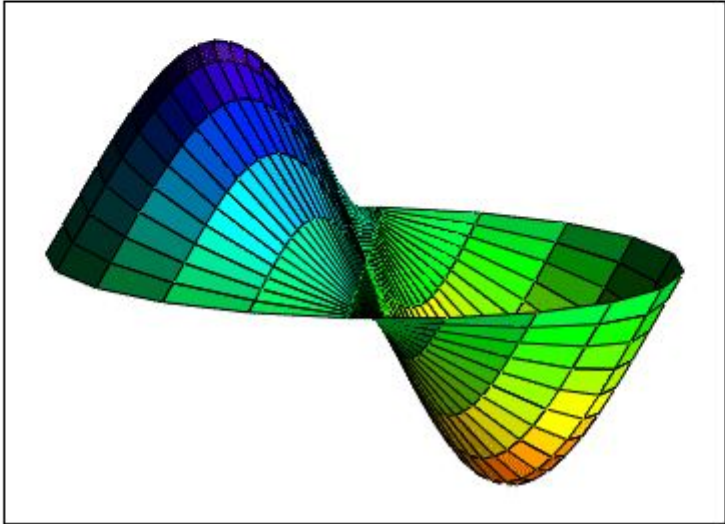
Пуск <http://twmmas.mpei.ac.ru/mas/worksheets/drum.mcd>

time: Pick a different time in the drum's cycle of oscillation to see the deformation in the surface at that time.

mode: 1 2 3 Pick a different mode to see how higher order modes resonate on the drum's surface. The n=1 mode will be dominant, but higher modes result in harmonics in tone.

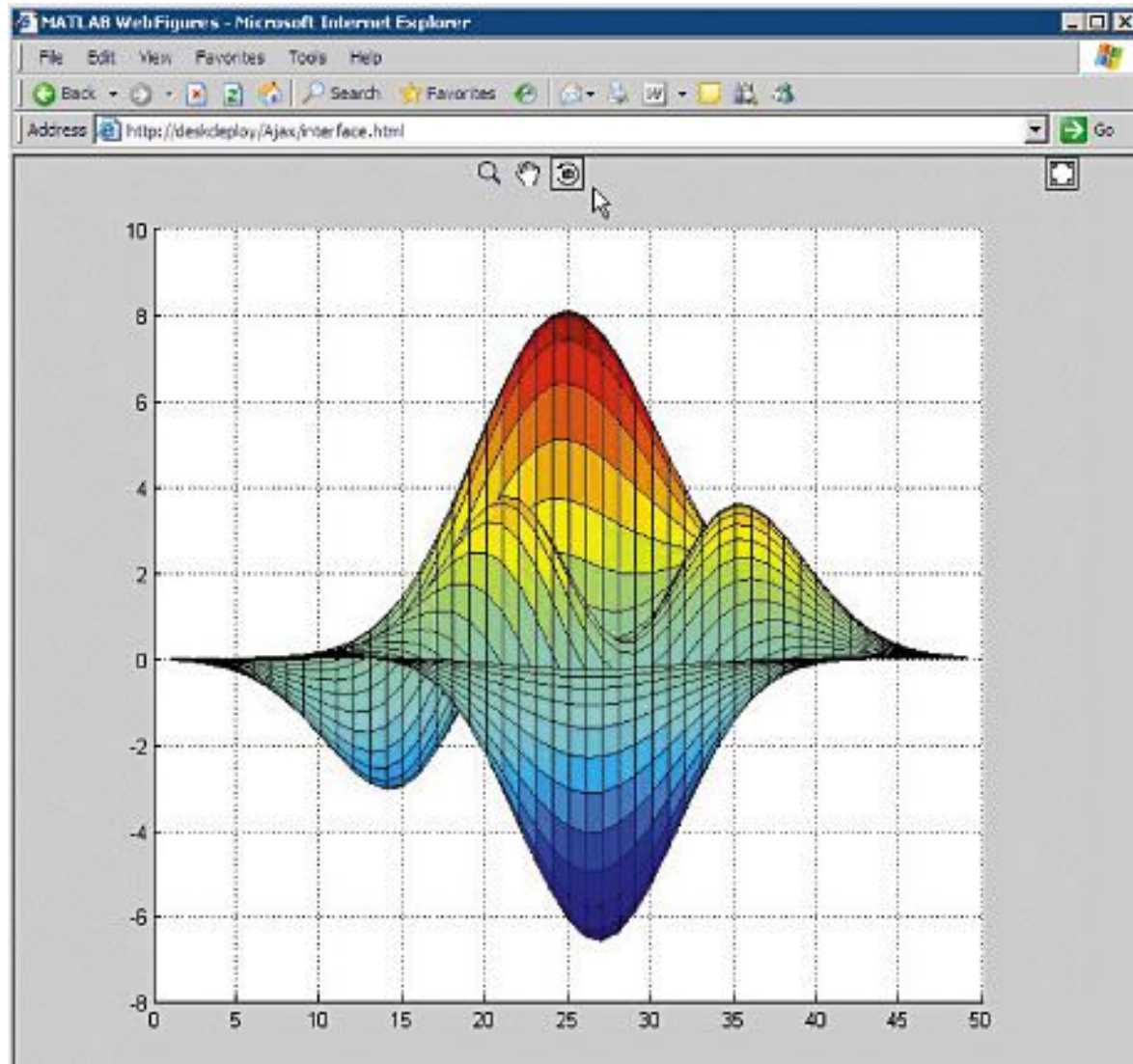
cycle := 20 $f(x) := J_n(\text{mode}, x) \cdot \cos\left(\frac{t}{\text{cycle}} \cdot 2 \cdot \pi\right)$

The mode looks like this:



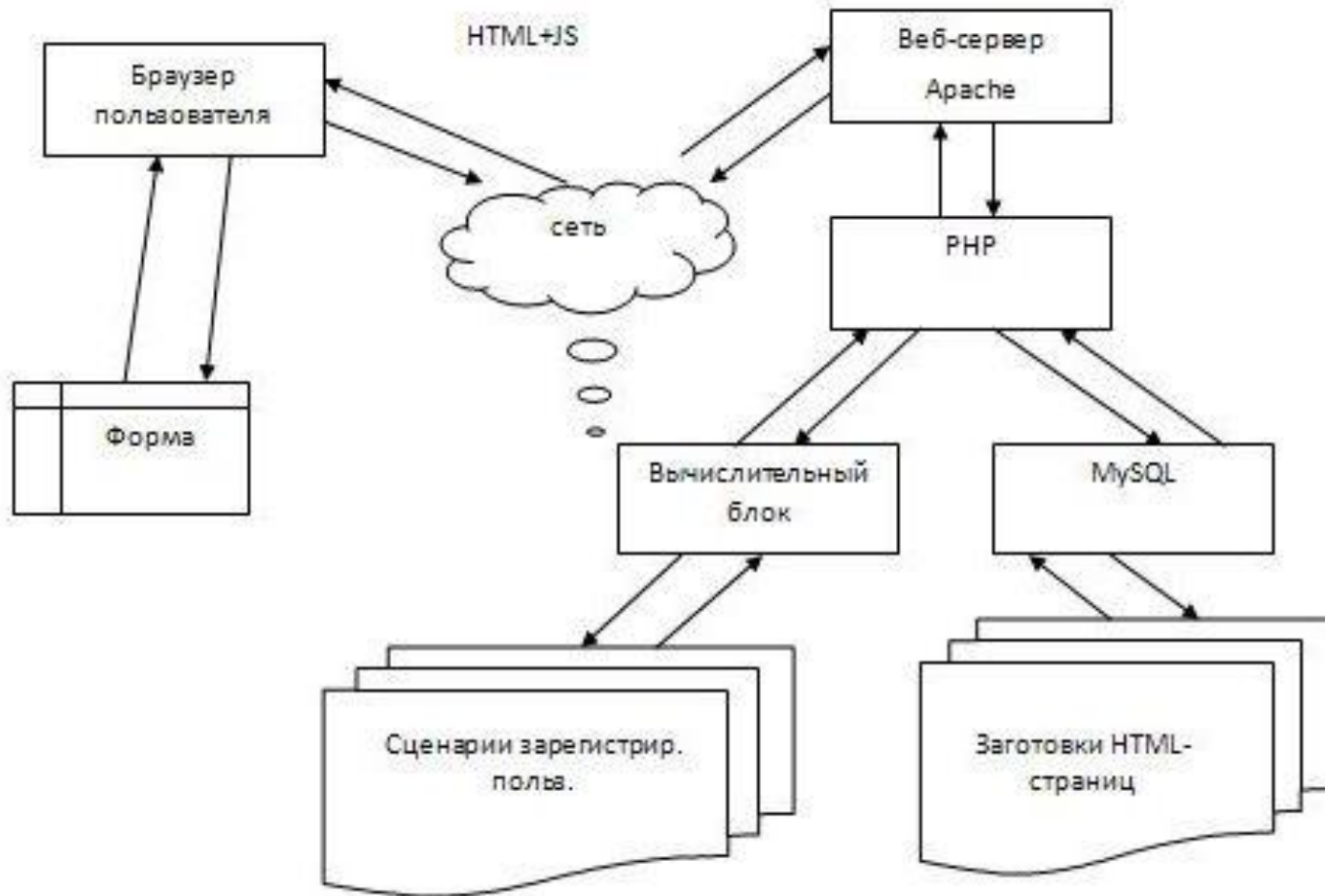
Mathcad

Коммерческие реализации

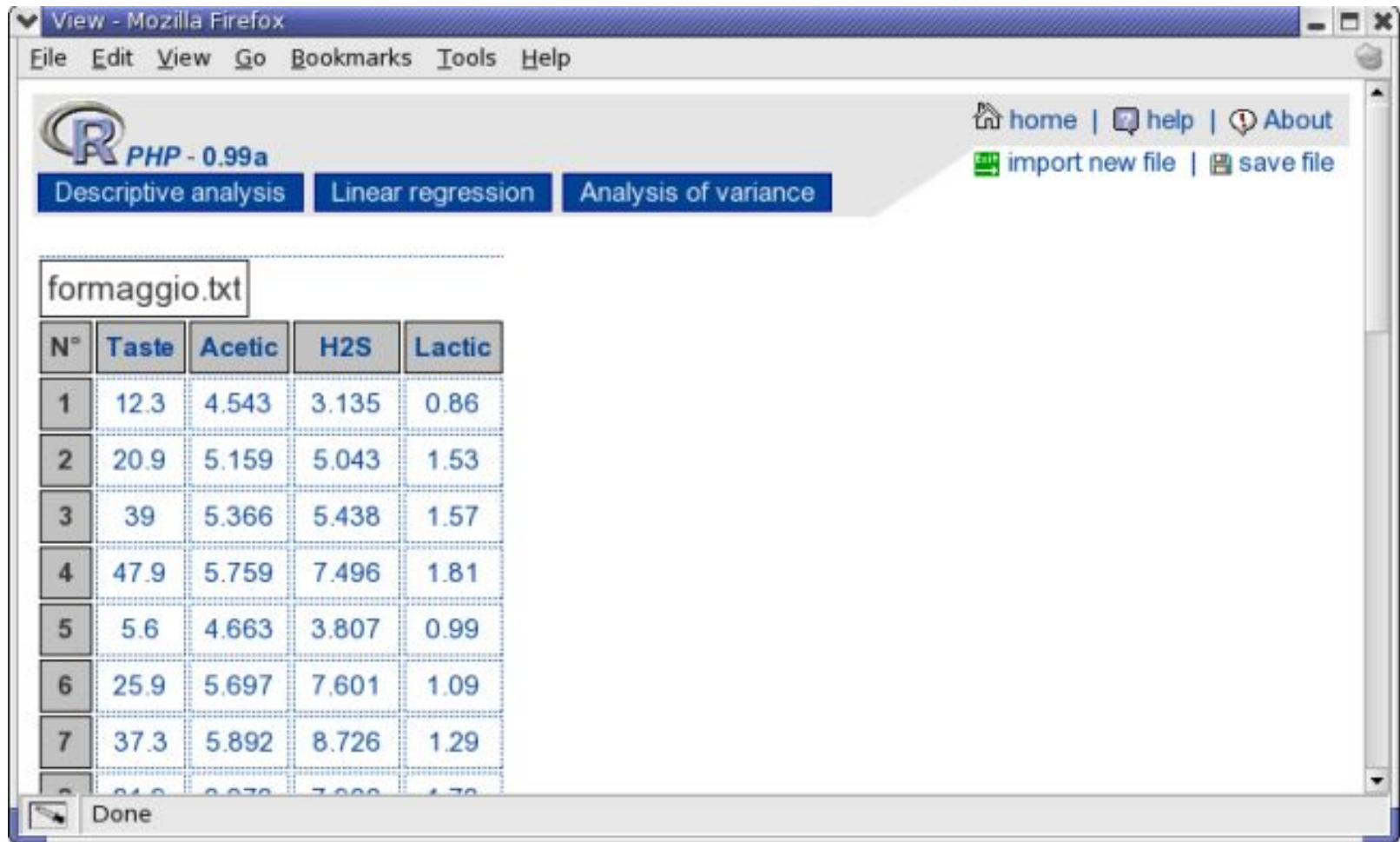


Matlab

Схема системы на PHP



Веб-интерфейс R-RHR



The screenshot shows the R-RHR web interface in Mozilla Firefox. The browser window title is "View - Mozilla Firefox". The menu bar includes "File", "Edit", "View", "Go", "Bookmarks", "Tools", and "Help". The page header features the R logo and "R PHP - 0.99a". Navigation links include "home", "help", "About", "import new file", and "save file". The main content area has three buttons: "Descriptive analysis", "Linear regression", and "Analysis of variance". A text input field contains "formaggio.txt". Below it is a table with 5 columns: "N°", "Taste", "Acetic", "H2S", and "Lactic". The table contains 8 rows of data. The status bar at the bottom shows "Done".

N°	Taste	Acetic	H2S	Lactic
1	12.3	4.543	3.135	0.86
2	20.9	5.159	5.043	1.53
3	39	5.366	5.438	1.57
4	47.9	5.759	7.496	1.81
5	5.6	4.663	3.807	0.99
6	25.9	5.697	7.601	1.09
7	37.3	5.892	8.726	1.29
8	81.9	9.878	7.888	1.78

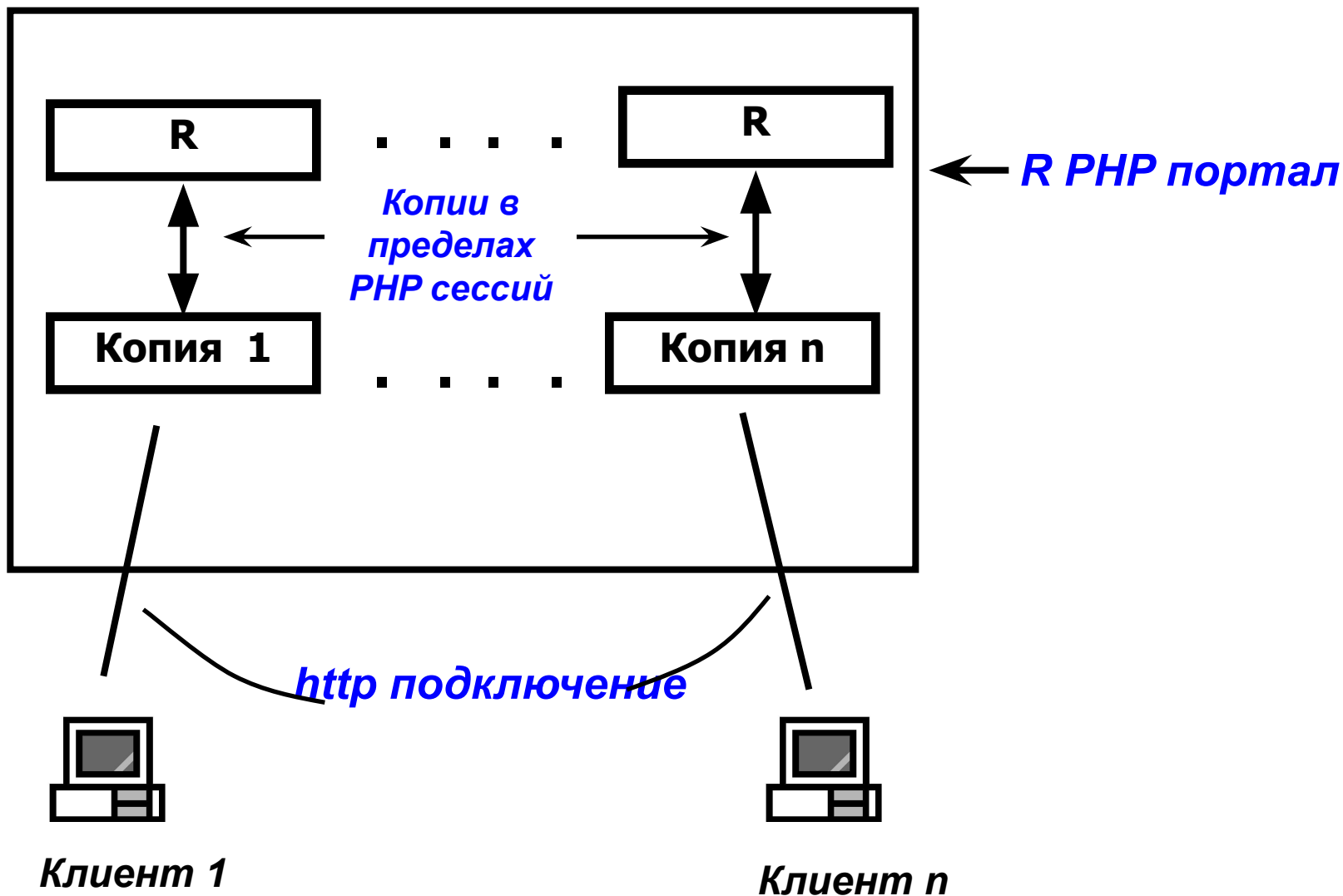
Просмотр списка небезопасных функций для R

[На главную](#)

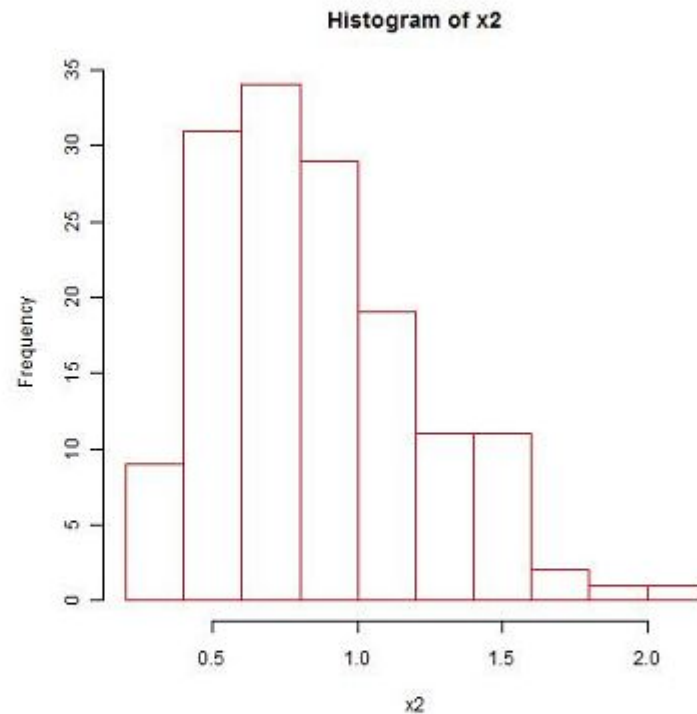
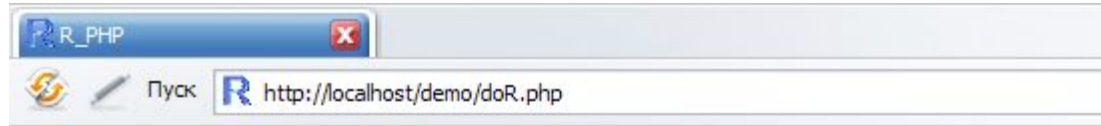
Список небезопасных R функций:

.Call
.Call.graphics
.External
.External.graphics
.Fortran
.Script
.Tcl
.Tcl.args
.Tcl.callback
.Tk.ID
.Tk.newwin
.Tk.subwin
.Tkroot
.Tkwin
.readRDS
.saveRDS
GTK
GTK.GNOME
Gnome
R.home
R.version
Rprof
Sys.getenv

Многозадачность



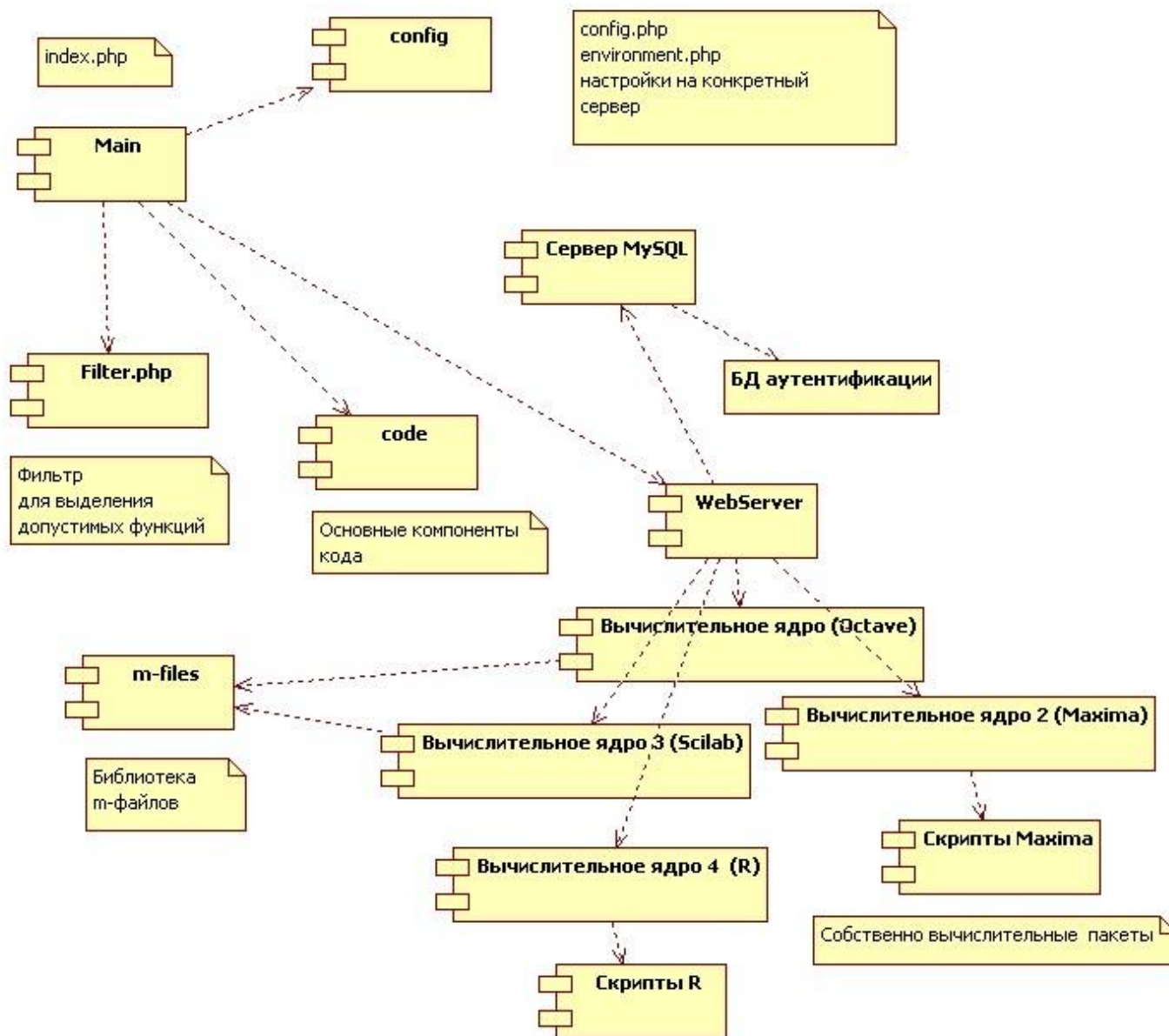
Вывод построенного графика



```
> jpeg(file="tmp/k2clx3.jpg")  
> hist(x3, border="green")  
> dev.off()
```

Histogram of x3

Диаграмма компонентов



Контактная информация

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