




CHAMELEON
R E C O R D S

1101 WEST EL STANISBOULE AVENUE, HAWTHORNE, CA 90250
1214 N. FINEST "GOLDEN" AVENUE, SUITE 100, HAWTHORNE, CA 90250

RAGE
Silent

SILENT RAGE F.C.
P.O. BOX 441
HAWTHORNE, CA 90250
(213) 536-0060

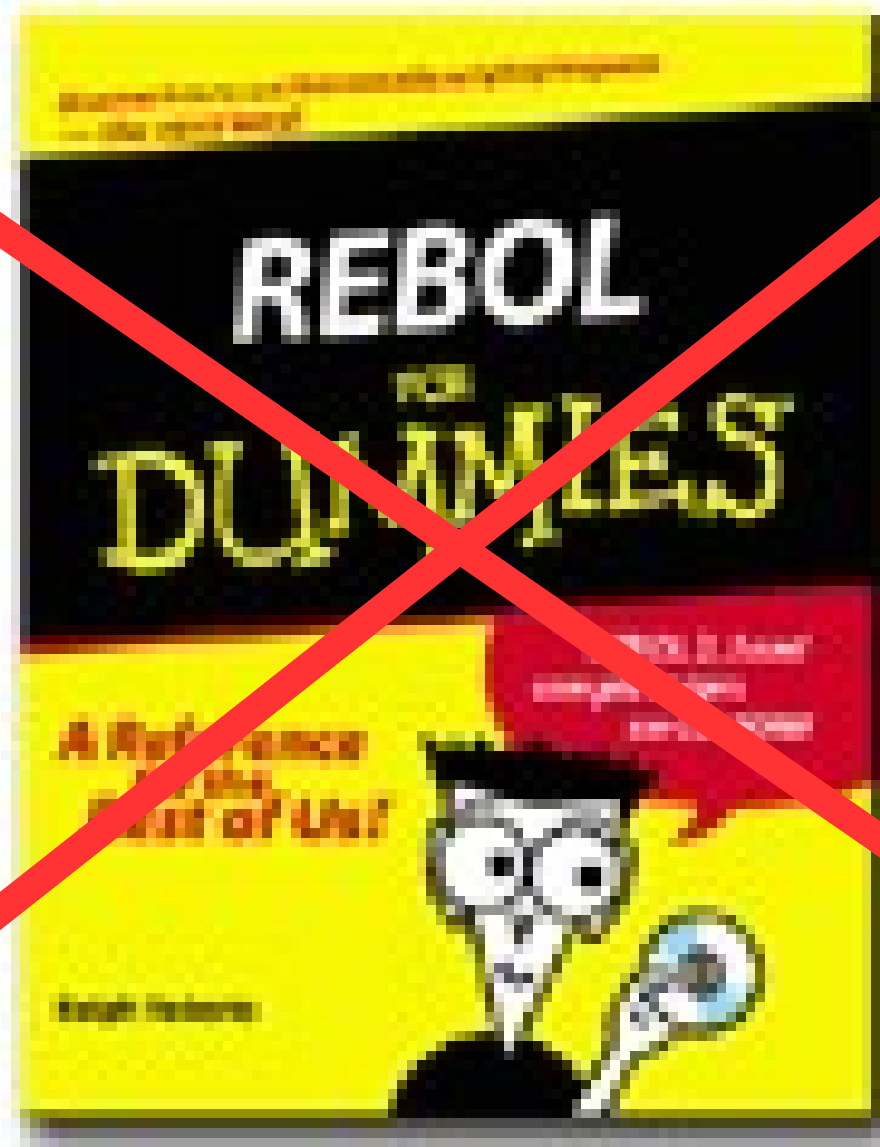
PHOTO: BARRY LEVINE

Was kann Perl von Rebol lernen ?

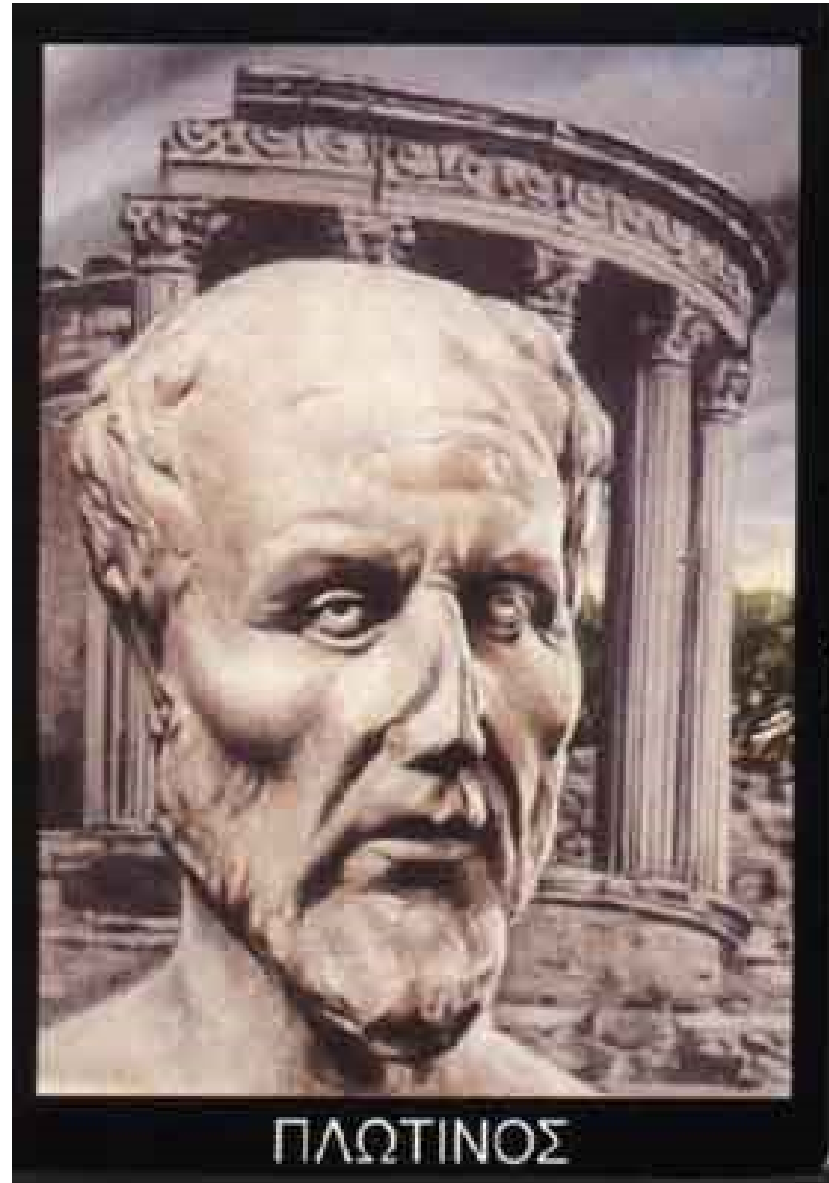
REBOL



kein Rebol Lehrgang



etwas Hobbyphilosophie

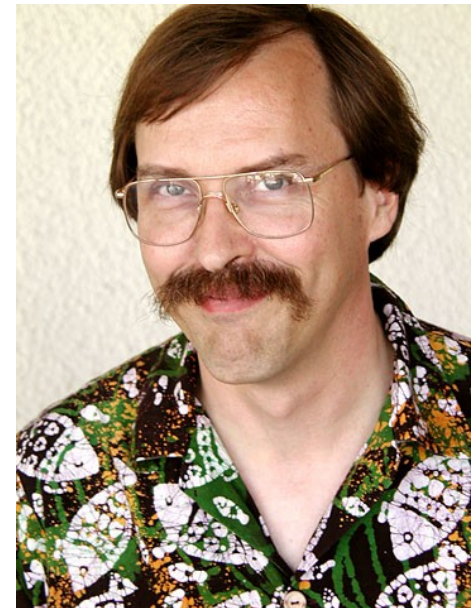


Freiheitsbegriff in Perl

TIMTOWTDI

einfach und möglich

kontextsensitiv



Effektivitätsbegriff in **REBOL**

TIMTOWTDI

einfach und möglich

kontextsensitiv



Zitat

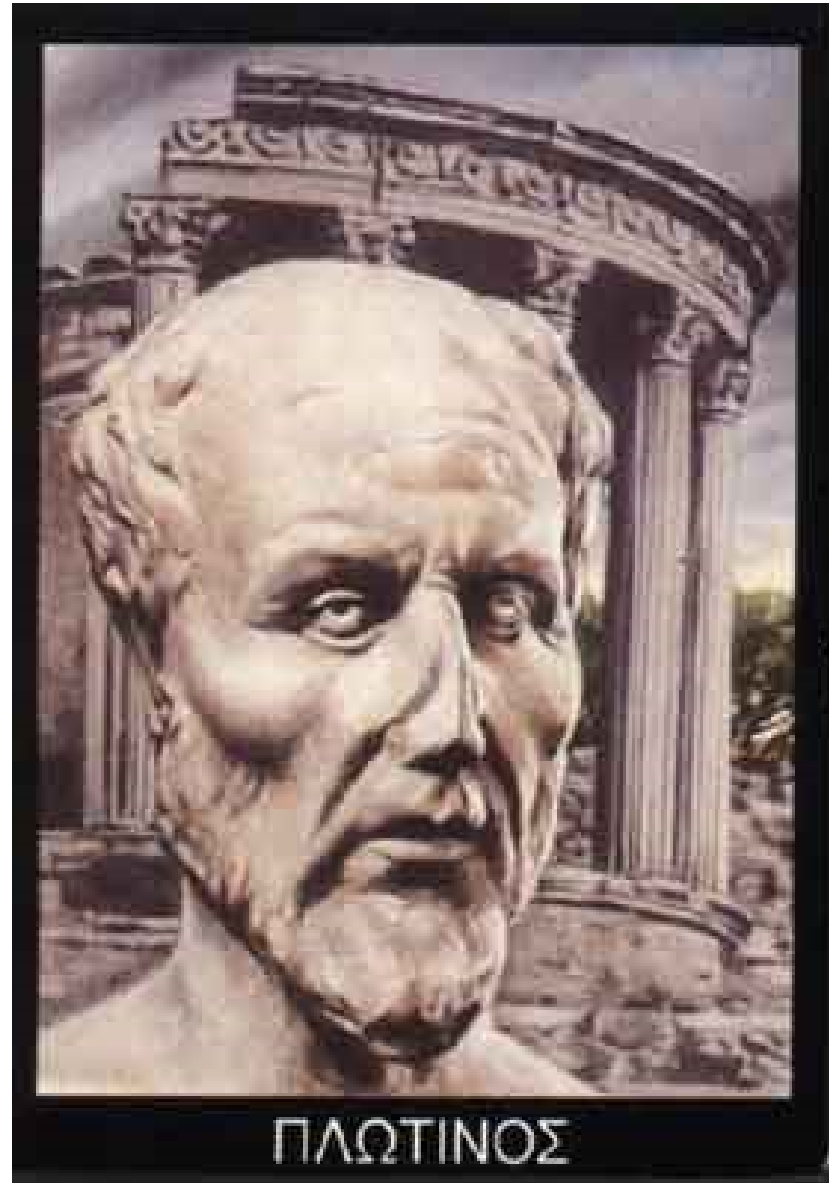


Take a dash of PERL, mix with the cross platform compatibility of a Java, and make it extremely easy for beginners to start coding, and you get the general idea.

etwas Hobbyphilosophie



etwas Hobbyphilosophie



Carl Sassenrath



Carl Sassenrath



- Apple, HP und Commodore

Carl Sassenrath



- Apple, HP und Commodore
- Pantaray, American Multimedia, Videostream

Carl Sassenrath



- Apple, HP und Commodore
- Pantaray, American Multimedia, Videostream
- REBOL Technologies

Carl Sassenrath



- Amiga OS, IOS, VisCorp ED
- CDTV
- Amiga Logo, Next Gen. Forth, Rebol

Carl Sassenrath



- Amiga OS, IOS, VisCorp ED
- CDTV
- Amiga Logo, Next Gen. Forth, **Rebol**

REBOL:



REBOL:



- Lisp, Forth, Logo, and Self

REBOL:



- Lisp, Forth, Logo, and Self
- Lightweight Distributed Computing

REBOL:



- Lisp, Forth, Logo, and Self
- Lightweight Distributed Computing
- programming-in-the-small (PITS)

REBOL:



- Lisp, Forth, Logo and Self
- Lightweight Distributed Computing
 - fighting software complexity

Silent Scream




CHAMELEON
R E C O R D S

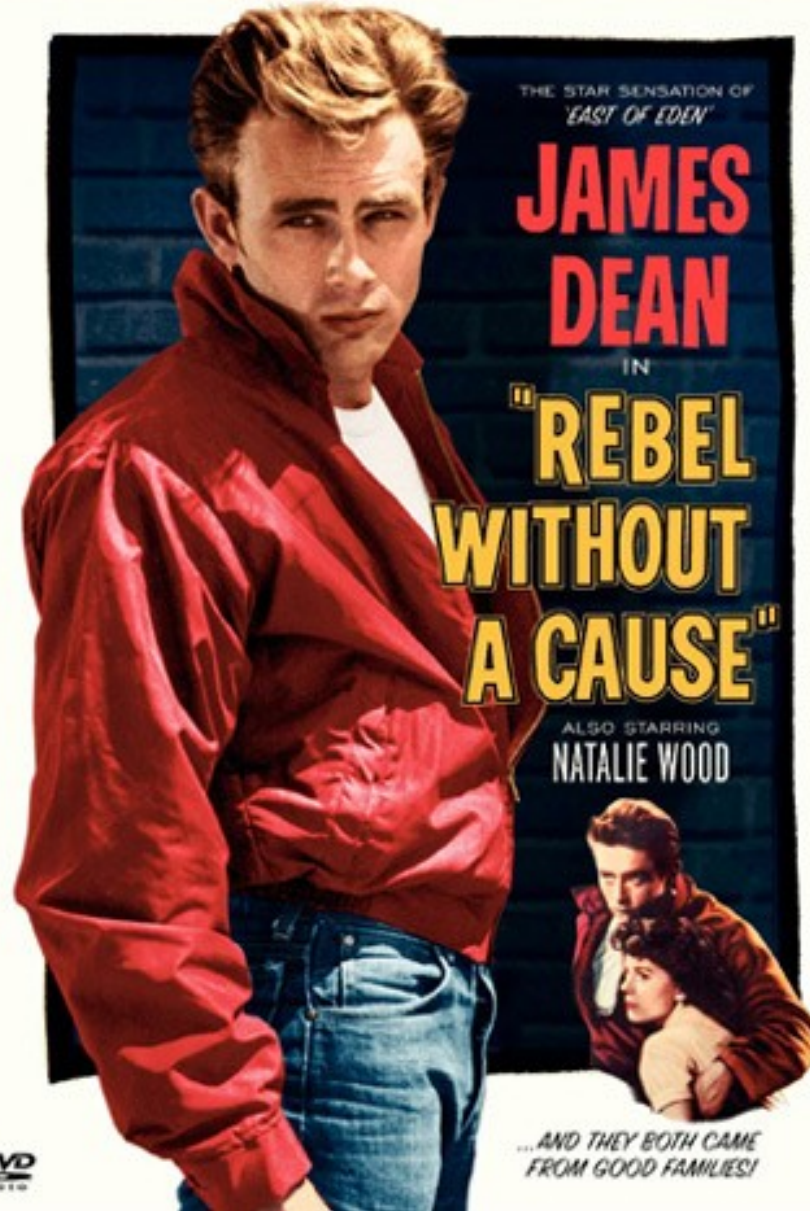
1101 WEST 11TH AVENUE, HAWTHORNE, CA 90260
1-818-671-8800 FAX: 1-818-671-8800

RA*Silent***GE**

SILENT RAGE F.C.
P.O. BOX 441
HAWTHORNE, CA 90250
(213) 536-0060

PHOTO: BARRY LEVINE

TWO-DISC SPECIAL EDITION



THE STAR SENSATION OF
'EAST OF EDEN'

**JAMES
DEAN**

IN

**"REBEL
WITHOUT
A CAUSE"**

ALSO STARRING
NATALIE WOOD

*...AND THEY BOTH CAME
FROM GOOD FAMILIES!*

DVD
VIDEO

Silent Rage: Rebel with a cause




CHAMELEON
R E C O R D S

1101 WEST 11TH AVENUE, HAWTHORNE, CA 90260
1-818-671-8800 FAX: 1-818-671-8800

RA*Silent***GE**

SILENT RAGE F.C.
P.O. BOX 441
HAWTHORNE, CA 90250
(213) 536-0060

PHOTO: BARRY LEVINE

Relative Expression-Based Object Language



Relative Expression-Based Object Language



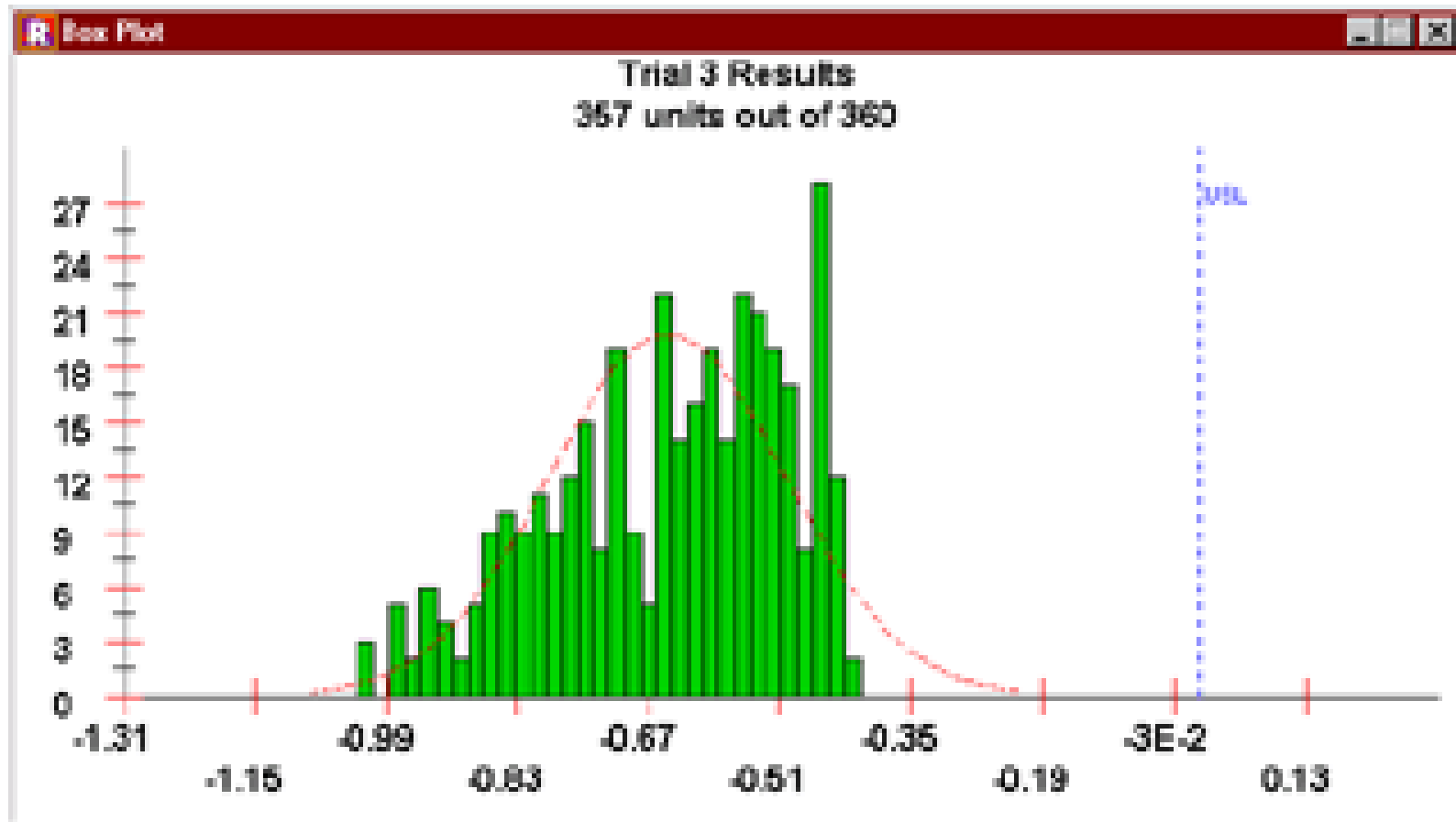
Relative Expression-Based Object Language

The screenshot shows a REBOL chat window titled "Conference - Contra". The window has a vertical toolbar on the left with buttons for "Send", "Clear", "Color", and "Branch Agents". The chat area contains a list of messages with the sender's name in color and the time in the right margin. The messages are as follows:

Sender	Message	Time
Bob	Just to let you know, we are offering 20% commission per agent on all universal life insurance policies sold this month.	14-Dec-2001 14:28:58
Fred	Bob, are there any limits on the insurability or is it open acceptability?	14-Dec-2001 14:27:19
Bob	We're not sure. There is a meeting scheduled to discuss it. Take a look at the shared calendar and the collaborative agenda has been posted here.	14-Dec-2001 14:27:33
Vanessa	Over here in Europe, a lot of customers are looking for a participating policy that is eligible for the payment of dividends. Any idea when that will be offered?	14-Dec-2001 14:27:57
Bob	We are working on that package, and expect to be offering it to our primary agents and branch offices next week. Watch for a flash message notification on it.	14-Dec-2001 14:28:13
CEO	Insuratron also plans to offer a new marketing program to promote our renewable term insurance. I've updated the general terms spreadsheet in all of your products folders.	14-Dec-2001 14:28:25
Fred	That's great. Our agents expect that could boost our sales by 200% next year.	14-Dec-2001 14:28:41
Bob	Yes, we figured that. Look at the instant-plot figures that the team worked out last week. Enter your own net sales values to see your profits plotted.	14-Dec-2001 14:28:57

At the bottom of the chat window, there is a text input field containing the text: "Click the publish button to share the plot, and I'll go over it with you now".

Relative Expression-Based Object Language



Relative Expression-Based Object Language

REBOL Technology

- Background
- Internet Evolution
- Collaborative Market
- REBOL, IOS
- IOS is a Platform
- Files of Apps
- Technology**
- IOS Advantages
- Products
- Customers
- Business Model
- Top User Base
- Systems
- Competition
- Management
- Funding Stages
- Conclusion

IOS is based on an advanced distributed computing language model that was built from the start for Internet communications.

Express	File System	Mail System	Logging
	App Framework	Message Protocol	Routing
	Interconnection	Authentication	Localization
View	Markup Language	Parser	
	Index	Virtual Machine (VM)	
	Flow Control	Event Control	
Command	Default Address	SSL, HTTP, FTP	Real Time
	Exception Model	Global Variables	Internal Apps
Core	Network Protocols	Global Types	Memory Operations
	Event Scheduling	Compression	Localization
	Contexts	Primitives	Resource Profiles
	Block Integration	Scripting	Native Functions

Relative Expression-Based **Object** Language

REBOL



Relative Expression-Based **Object** Language

- keine OOP wie Ruby

REBOL



Relative **Expression**-Based Object Language

- keine OOP wie Ruby



Relative **Expression**-Based Object Language

- keine OOP wie Ruby
- (nicht rein) funktional



Relative Expression-Based Object Language

- keine OOP wie Ruby
- (nicht rein) funktional



Relative Expression-Based Object Language

```
read http://www.perl.org/learn.html
```

```
read %info.txt
```



Rebol

Perl 5

```
read http://www.perl.org/learn.html  
use LWP::Simple;  
get("http://www.perl.org/learn.html");
```

```
text: read %info.txt  
use File::Slurp;  
my $text = slurp( 'info.txt' );
```



Rebol

Perl 6

```
read http://www.perl.org/learn.html
    use HTTP::Client;
HTTP::Client.new.get("http://www.perl.org/learn.html");

text: read %info.txt
    my $text = slurp( 'info.txt' );
```



welcome to the strange land



Schocktherapie



REBOL, vergiß alles was du weißt

keine Variablen

keine Hashes

keine Vorrangstabelle ($2 + 3 * 2 == 10$)

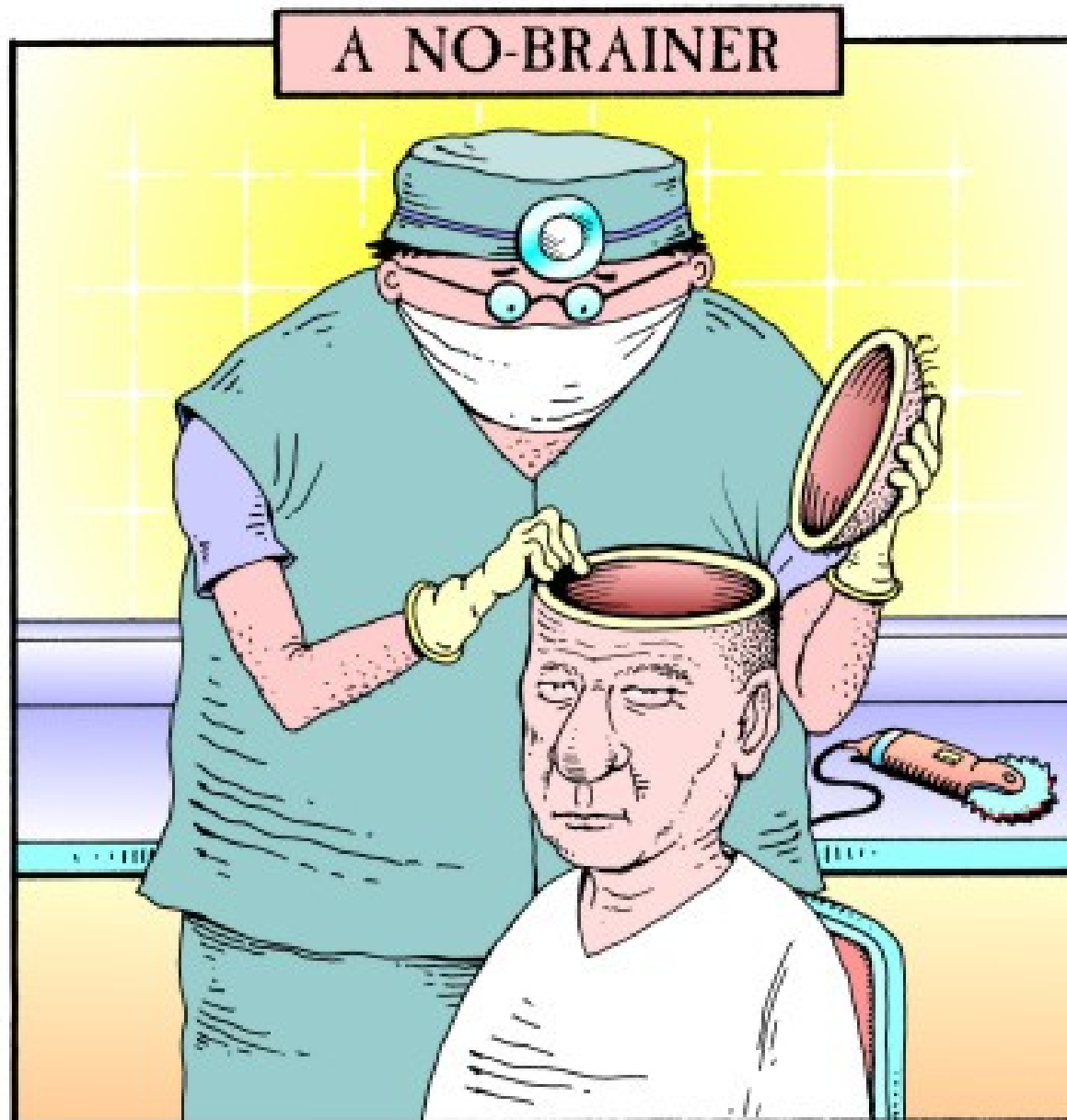
keine Buildins

keine Subroutinen

keine Namensräume (ab Rebol 3)

keine Regex (parse)

Alles Draußen?



4 Vokabeln müsst ihr können



4 Vokabeln

Wörter:

Datentypen:

Blöcke:

Refinements:

4 Vokabeln

Wörter: typenlose Datenkontainer

Datentypen:

Blöcke:

Refinements:

4 Vokabeln

Wörter: Variablen, Routinen, Buildins

Datentypen:

Blöcke:

Refinements:

4 Vokabeln

Wörter: Variablen, Routinen, Buildins

Datentypen: integer, string, char, tuple, pair, block,

Blöcke:

Refinements:

4 Vokabeln

Wörter: Variablen, Routinen, Buildins

Datentypen: integer, string, char, tuple, pair, block, money, file, url, tag, binary, date, time, issue

Blöcke:

Refinements:

4 Vokabeln

Wörter: Variablen, Routinen, Buildins

Datentypen: integer, string, char, tuple, pair, block, money, file, url, tag, binary, date, time, issue

Blöcke: Listen, Hashes, Code

Refinements:

4 Vokabeln

Wörter: Variablen, Routinen, Buildins

Datentypen: integer, string, char, tuple, pair, block, money, file, url, tag, binary, date, time, issue

Blöcke: Listen, Hashes, Code

Refinements: Slices aus Hashes/Rückgabewerte

Perl

Rebol

#	⇒>	;
}	⇒>	[]
\$var =	⇒>	var:
\$var	⇒>	:var
\$var[3]	⇒>	var/3
\$var{'sub'}	⇒>	var/sub
sub()	⇒>	var
sub(\$p,\$m)	⇒>	sub p m

Perl

Rebol

`$a++`

`a: a + 1`

Perl

```
 $\$a = 30 * 3.1415 / 180$   
 $\sin(\$a) / \cos(\$a)$ 
```

```
 $\sin(\$a) / \cos(\$a)$ 
```

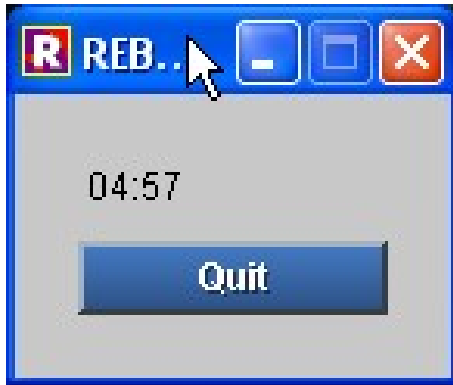
```
use Math::Trig;  
tan(deg2rad(30));
```

Rebol

```
tangent 30
```

```
tangent/radians 30
```

DSL



```
view layout [  
  text :rise_time  
  button "Quit" #"q" [quit]  
]
```


in Perl

```
use Tkx;
```

```
Tkx::button(".b",  
    -text => "Hello, world",  
    -command => sub { Tkx::destroy("."); },  
);
```

```
Tkx::pack(".b");
```

```
Tkx::MainLoop()
```



DSL

```
expr: [term ["+" | "-"] expr | term]
term: [factor ["*" | "/"] term | factor]
factor: [primary "*" factor | primary]
primary: [some digit | "(" expr ")"]
digit: charset "0123456789"
```

```
probe parse "1 + 2 * ( 3 - 2 ) / 4" expr
== true
```

Perl 6

Rebol

loop	=>	forever
all, any none @a	=>	all, any []
prompt	=>	ask

no break in switch
Pair als nativer Typ