

Macoun

Torwächter und Schlüsselmeister

Pepi Zawodsky

0x83





BIG BROTHER AWARDS



BIG BROTHER AWARDS

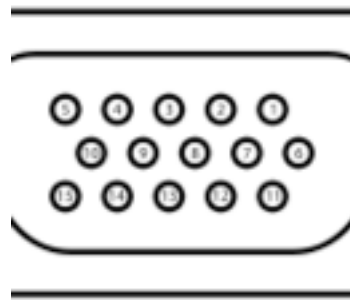
BIG BROTHER AWARDS

Datenschutz



Datenschutz

Datenschutz



ITler @unterITlern

"Wer ist eigentlich unser
Datenschutzbeauftragter?"

SCHALLENDEN GELÄCHTER

Personenbezogene Daten

Missbräuchliche Verwendung

Schutz von Personen vor
missbräuchlicher Verwendung
personenbezogener Daten

4 Prinzipien

Datenvermeidung

Datensparsamkeit

Erforderlichkeit

Zweckbindung

Geltungsbereich

Erhebung

Verarbeitung

Nutzen



Ist Datenschutz verpflichtend?

Grundrecht

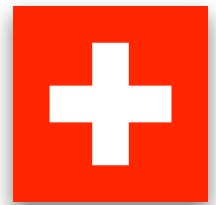
Umsetzung



Bundesdatenschutzgesetz



Datenschutzgesetz 2000



Bundesgesetz über den Datenschutz



Datenschutzgesetz

Datenschutz ist *verpflichtend*



Personenbezogene Daten?

Rechte der Betroffenen

Anspruch auf Geheimhaltung

Datensicherheit

Datengeheimnis

Auskunftsrecht

**Richtigstellung
Löschung**

Konsequenzen

Schadenersatz

Strafrecht

Verwaltungsstrafen

Privatsphäre



Privatsphäre

Privatsphäre

Es geht niemand anderen etwas
an was Du privat tust.



Private Daten?

Daten

In Verwendung

In Bewegung

Gespeichert

Schützen von Daten

Verschlüsselung

Separation

Implementation





43,5%

Datenschutz	Privatsphäre	Dummheit
100	100	100
200	200	200
300	300	500

Datenschutz	Privatsphäre	Dummheit
100	100	100
200	200	200
300	300	500

```
<key>pushOptInReceived</key>  
<true/>  
<key>pushformat</key>  
<string>IM2</string>  
<key>screen_autolock_while_connected</key>  
<true/>  
<key>screenname</key>  
<string>pepi@mac.com</string>  
<key>sharelocation</key>
```

```
<key>pushOptInReceived</key>  
<true/>  
<key>pushformat</key>  
<string>IM2</string>  
<key>screen_autolock_while_connected</key>  
<true/>  
<key>screenname</key>  
<string>pepi@mac.com</string>  
<key>sharelocation</key>
```

Datenschutz	Privatsphäre	Dummheit
100	100	100
200	200	200
300	300	500

Datenschutz	Privatsphäre	Dummheit
100	100	100
200	200	200
300	300	500

```
<key>opt_in_push</key>  
<true/>  
<key>opt_in_user</key>  
<string>pepi@mac.com</string>  
<key>password</key>  
<string>iVMn[%C|$Dx"7]+x</string>  
<key>prefs_version</key>  
<integer>1</integer>  
<key>push</key>  
<true/>
```



```
<key>opt_in_push</key>
<true/>
<key>opt_in_user</key>
<string>pepi@mac.com</string>
<key>password</key>
<string>iVMn[%C|$Dx"7]+x</string>
<key>prefs_version</key>
<integer>1</integer>
<key>push</key>
<true/>
```

```
<key>opt_in_push</key>  
<true/>  
<key>opt_in_user</key>  
<string>pepi@mac.com</string>  
<key>password</key>  
<string>iVMn[ %C|$Dx"7]+x</string>  
<key>prefs_version</key>  
<integer>1</integer>  
<key>push</key>  
<true/>
```

Datenschutz	Privatsphäre	Dummheit
100	100	100
200	200	200
300	300	500

Datenschutz	Privatsphäre	Dummheit
100	100	100
200	200	200
300	300	500

```
<key>HTTP-password</key>
<string></string>
<key>HTTP-publicFolder</key>
<true/>
<key>HTTP-secureSharingPort</key>
<string>443</string>
<key>HTTP-sharingName</key>
<string>Eliza</string>
<key>HTTP-sharingOn</key>
<true/>
<key>HTTP-sharingPort</key>
<string>80</string>
<key>HTTP-usePassword</key>
<true/>
<key>HTTP-username</key>
<string></string>
```

```
<key>HTTP-password</key>
<string></string>
<key>HTTP-publicFolder</key>
<true/>
<key>HTTP-secureSharingPort</key>
<string>443</string>
<key>HTTP-sharingName</key>
<string>Eliza</string>
<key>HTTP-sharingOn</key>
<true/>
<key>HTTP-sharingPort</key>
<string>80</string>
<key>HTTP-usePassword</key>
<true/>
<key>HTTP-username</key>
<string></string>
```

Datenschutz	Privatsphäre	Dummheit
100	100	100
200	200	200
300	300	500

Datenschutz	Privatsphäre	Dummheit
100	100	100
200	200	200
300	300	500


```
<key>api_key</key>  
<string>PYLQG96IOSX5OLE9HTD</string>  
<key>authToken</key>  
<string>GEU07DMSITX6PHUD04</string>  
<key>auth_email</key>  
<string>customer@example.com</string>  
<key>crittercism_4ec73952aeb85620593816</key>
```

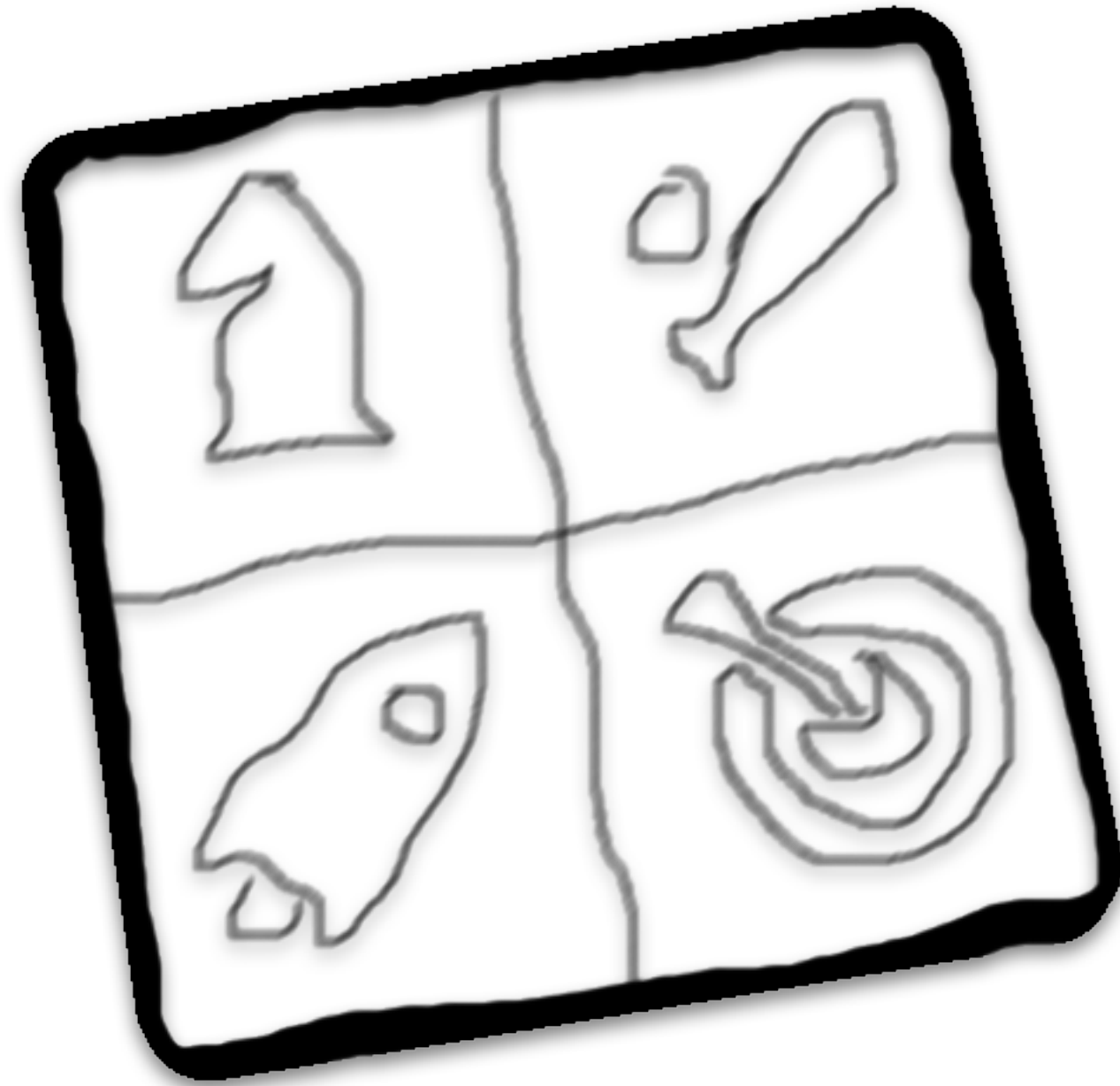
```
<key>api_key</key>  
<string>PYLQG96IOSX5OLE9HTD</string>  
<key>authToken</key>  
<string>GEUO7DMSITX6PHUDO4</string>  
<key>auth_email</key>  
<string>customer@example.com</string>  
<key>crittercism_4ec73952aeb85620593816</key>
```

Datenschutz	Privatsphäre	Dummheit
100	100	100
200	200	200
300	300	500

Datenschutz	Privatsphäre	Dummheit
100	100	100
200	200	200
300	300	500

```
<key>m_light_unit_kill</key>
<integer>3572</integer>
<key>m_makeUnitInterval</key>
<integer>189</integer>
<key>m_medium_unit_kill</key>
<integer>1018</integer>
<key>m_minesSpecialPercentComplete</key>
<integer>100</integer>
<key>m_money</key>
<integer>57145</integer>
<key>m_money_earned</key>
<integer>57145</integer>
<key>m_old_money</key>
<integer>10225</integer>
<key>m_power</key>
<integer>30</integer>
```

```
<key>m_light_unit_kill</key>
<integer>3572</integer>
<key>m_makeUnitInterval</key>
<integer>189</integer>
<key>m_medium_unit_kill</key>
<integer>1018</integer>
<key>m_minesSpecialPercentComplete</key>
<integer>100</integer>
<key>m_money</key>
<integer>57145</integer>
<key>m_money_earned</key>
<integer>57145</integer>
<key>m_old_money</key>
<integer>10225</integer>
<key>m_power</key>
<integer>30</integer>
```



Datenschutz	Privatsphäre	Dummheit
100	100	100
200	200	200
300	300	500


```
<key>migrateSettingsToV2</key>
<true/>
<key>oauth_token</key>
<string>11771692-
Bqwt8qLhSLpaxAjiLfrKK3bNG7wExUJpfgguurkVVsAi</string>
<key>oauth_token_secret</key>
<string>wik57XQAbQwgBi2i4XCnA2EeQaWgwi1nTm4hSkTimP</
string>
<key>secretKey</key>
<string>NGYxMGQwNzJkMzdhdDUwNmFkMDE0NzQ1|1343319101|
df15bdeefb2fef4abb1d5dc98c4e63aecbc09004</string>
<key>subscribingLists</key>
<array/>
<key>userId</key>
<integer>11771692</integer>
```

```
<key>migrateSettingsToV2</key>
<true/>
<key>oauth_token</key>
<string>11771692-
Bqwt8qLhSLpaxAjiLfrKK3bNG7wExUJpfgguurkVVsAi</string>
<key>oauth_token_secret</key>
<string>wik57XQAbQwgBi2i4XCnA2EeQaWgwi1nTm4hSkTimP</
string>
<key>secretKey</key>
<string>NGYxMGQwNzJkMzdhdDUwNmFkMDE0NzQ1|1343319101|
df15bdeefb2fef4abb1d5dc98c4e63aecbc09004</string>
<key>subscribingLists</key>
<array/>
<key>userId</key>
<integer>11771692</integer>
```

Datenschutz	Privatsphäre	Dummheit
100	100	100
200	200	200
300	300	500

NSUserDefaults

```
<?xml version="1.0" encoding="UTF-8"?>  
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN"  
  "http://www.apple.com/DTDs/PropertyList-1.0.dtd">  
<plist version="1.0">  
<dict>
```

NSUbiquitousKeyValueStore

```
<?xml version="1.0" encoding="UTF-8"?>  
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN"  
  "http://www.apple.com/DTDs/PropertyList-1.0.dtd">  
<plist version="1.0">  
<dict>
```

~/Library/Mobile Documents



- (BOOL)writeToFile:(NSString *)path
atomically:(BOOL)flag

```
<?xml version="1.0" encoding="UTF-8"?>  
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN"  
  "http://www.apple.com/DTDs/PropertyList-1.0.dtd">  
<plist version="1.0">  
<dict>
```



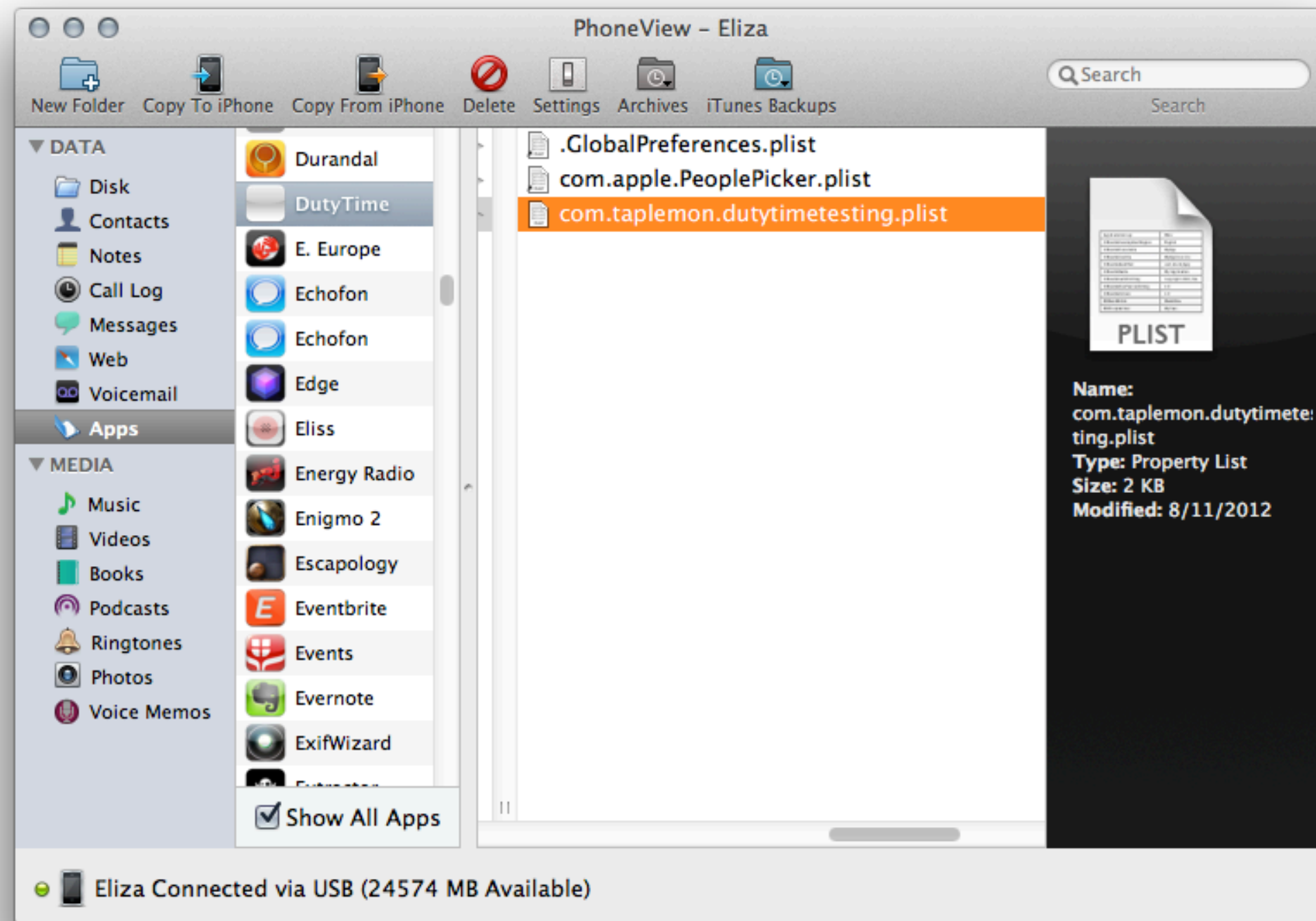
Datenschutz	Privatsphäre	Dummheit
100	100	100
200	200	200
300	300	500

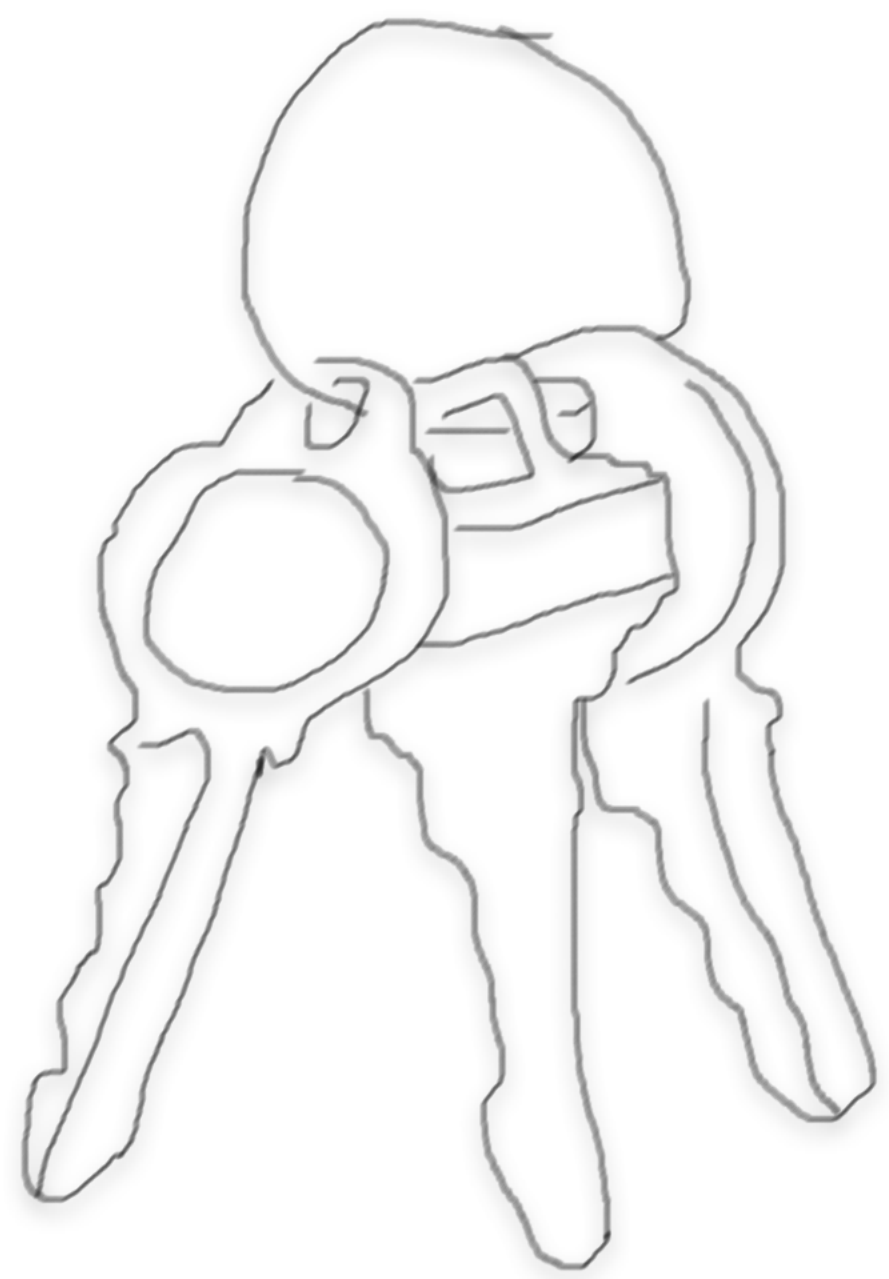
Datenschutz	Privatsphäre	Dummheit
100	100	100
200	200	200
300	300	500

-----BEGIN RSA PRIVATE KEY-----



MIISKQIBAAKCBAAEApjcge9BUKuC8rZy0NYH+N+ZnZzoKpvblVKOyjpJDF8khfRxK
kQDXff00TfgBt7F+7PwDEqwFSfrea8j9+SDXiXmfbNf0ZWE1R4XhqQdvbBqQ/4f3
1oHNCEP3rHkgtKPxD5PuRD10sYjNgzwProJtfTqVgqQR1WeXLESgSzcEq5fyvfGF
Mnk2TutUiC5SeeIESyNXVwQj60vbGUzOu1+1CRk7+8veWAebAShVoHHXbxQg3z/Y
BwERELiKGd0pVa9M1sjySbVqge6ErWQ9+br+Ogidz5b4NrcbWflmwgvakFuCP4jN
5eTku8n+uGnbI08y0q5T4Lso0c1/SF3zltbMqa/s04h44apvTUgiJDjFOPcx3d0T
QT8ioJqSltedVoPyqD9Dm6KcSHUjIVI+6hpAzvsWoY6rGS2HqQmgI/jEM+vCWUGc
DHYf+fKzEAIFZj79Lby4SPSVoyr6dLVDsNB3uIFLTNvr0SIsV02WWx8wUfwKicvJ
Vy0oxwJoCmy8nud60U+1x3U6GzouTh2YXvQwKqf/H83+pP/JPxwDm2QDoEk1IASq
SdHII/RgVegrhAMU4NDtbvVK19GSwCgQ10erWUXI5FYscNF95awzfjLL6TLsbnWg
x3Y2KT3AzUIfSRJ/pt6EGB0y4q9dhs6gpp05uRPF4KQTGboQmTsXpqpNSinz0TeK
AJ56Erk/uNIvGhd8dEq4mzmE1c8t6ozqSMDXBN+Mvov1t9Wk95I20SDdCCZU6l3K
NlhaMeO3d3vYghUZyP6LwmZPbNEkF9GxMqMBgckRZPDkRed0WjEdhty3U59wx3WT
Jp4M2pJoq/UJ8ymZAgiVnFqdyI3TOVoCltZZsp1+EJ7USrcSwDv8RG06blnqAAv4
iOdW3uX79RNuwW7yg0TL/eCA4Y2j+QKy/kZFyt5lGof9F5jcwrgjdh//LhXzkVIA
859eRGrqv8wcFddvQWlESoz9Zj3MLup0pQkgDtIkkT/tclKH519qF3BUtCCvM08a
31j6g69Huk7pp/xde5kZgweYKmAB5L+JOuLSyKNuVdqRO2jT0z5CSdC+yNCQRoDj


Datenschutz	Privatsphäre	Dummheit
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github.com/soffes/sskeychain




 

Search or Type a Command 

 Explore Gist Blog Help

 MacLemon   

PUBLIC  soffes / sskeychain

 Watch  Star 346  Fork 50

Code



Network



Pull Requests 0

Issues 3


Graphs

Simple Objective-C wrapper for the keychain that works on Mac and iOS — [Read more](#)


 Clone in Mac  ZIP HTTP **Git Read-Only** Read-Only access






 branch: master 

Files Commits Branches 1 Tags 5 Downloads

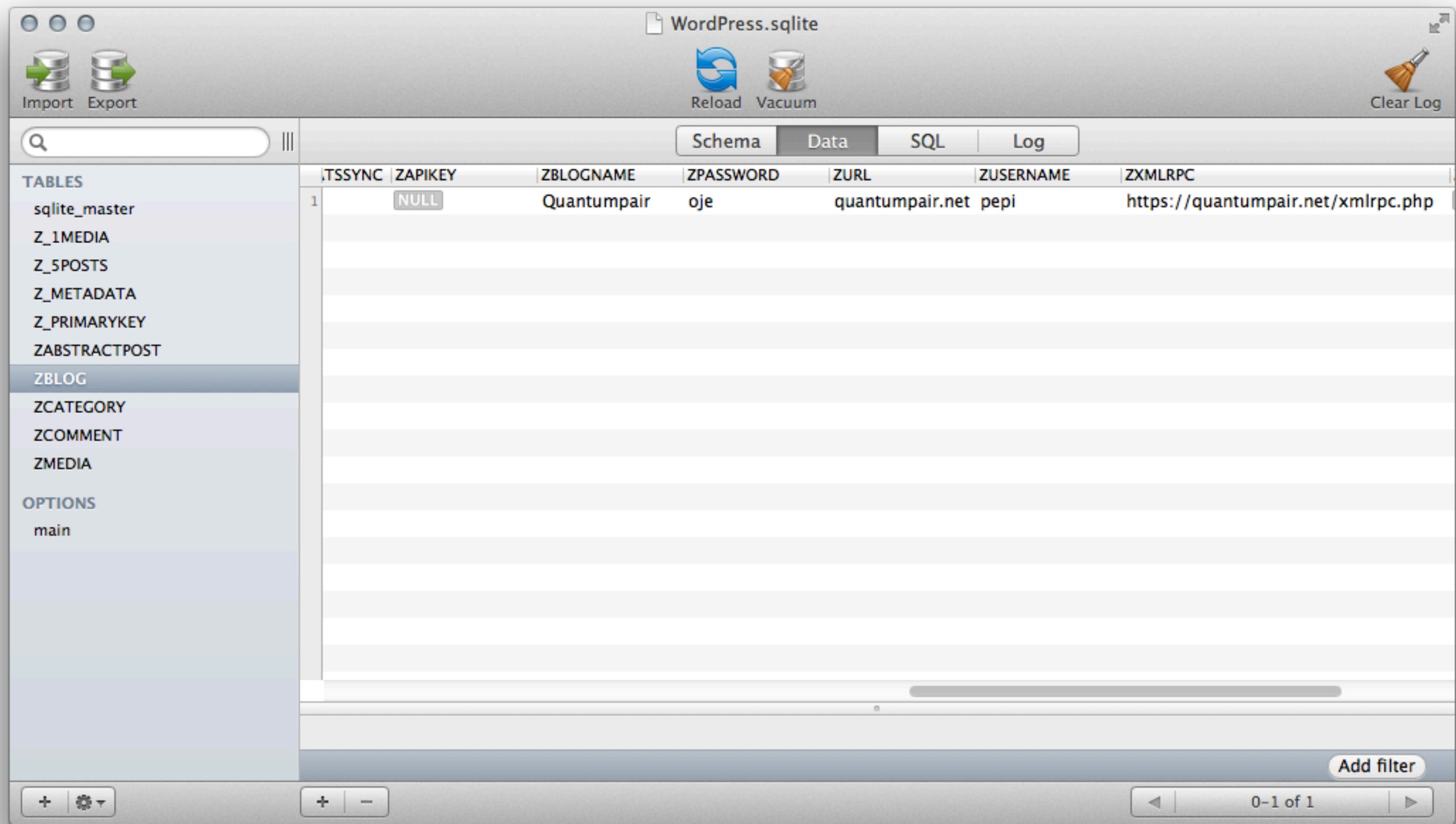
sskeychain /  40 commits

Merge pull request #10 from jparise/header-comments ...

 **soffes** authored 2 months ago latest commit e3736a3581

 Tests	6 months ago	Version 0.1.3 [soffes]
 .gitignore	a year ago	Version 0.1.2 [soffes]
 Changelog.markdown	6 months ago	Version 0.1.3 [soffes]
 LICENSE	5 months ago	Bump license year and add podspec [soffes]
 Rakefile	a year ago	Updated readme [soffes]

CoreData



WordPress.sqlite



Reload



Vacuum

Schema

Data

SQL

Log

TSYNC

ZAPIKEY

ZBLOGNAME

ZPASSWORD

ZURL

ZUSERNAME

ZXMLRPC

1

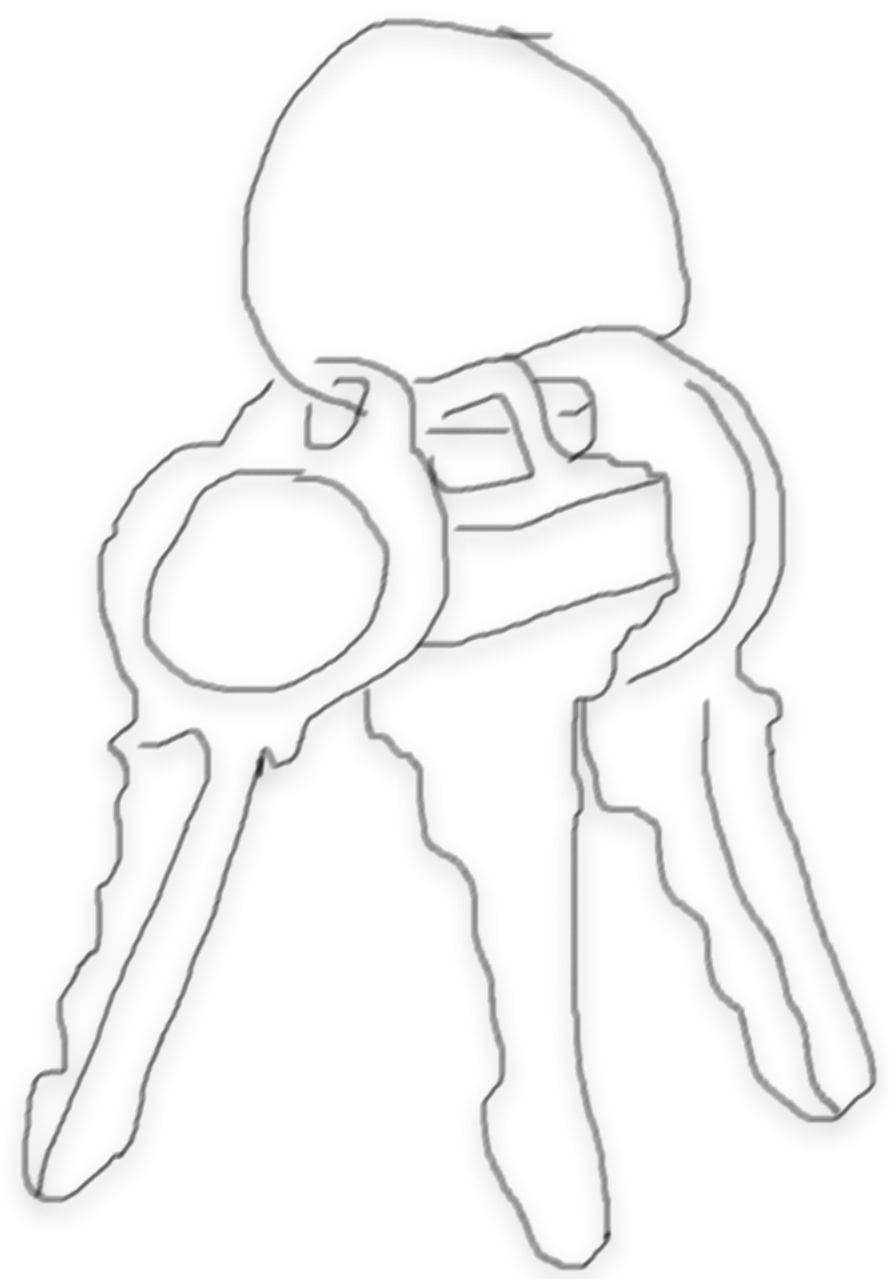
NULL

Quantumpair

oje

quantumpair.net pepi

https://quantumpair.net/xr



Internet

http



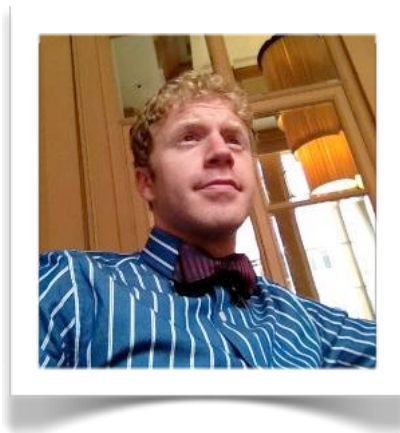
http_

https

Verschlüsselung

XOR

~~XOR~~



James Lyne 0x410x410 @jameslyne

Yes I'll just XOR it with that static key that's the same on every install. No one will figure that one out...

QmFzZTY0Cg==

Base64↩

~~QmFzZTY0Cg==~~

EBG I 3

ROT13

3ROT13

~~3ROT13~~

Proprietär

~~Proprietär~~

Security.framework

CommonCrypto

AES

SHA256

PBKDF2

Verantwortung





Fragen?



Pepi Zawodsky



macoun@maclemon.at

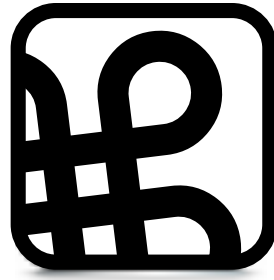


MacLemon



s / Mac / Tap /

Vielen Dank



Macoun

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1, 131; "Macoun Logo"; Chris Hauser; 2009; Macoun GbR.
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7–9; "Big Brother Awards Logo"; Rose; 1999; <http://www.bigbrotherawards.at/2012/presse.php>
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13, "Datenschutzbeauftragter Tweet"; @unterlTlern, 2012;
[WTFPL \(Do What The Fuck You Want To Public License\)](#)

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55; "日光 (Nikkou) und der Kaktus"; Pepi Zawodsky; 2007; <http://maclemon.at/>

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98, 103; "Keychain"; Pepi Zawodsky; 2012; <http://maclemon.at/>
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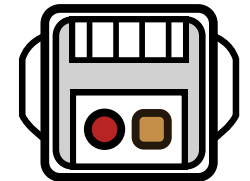
111; "XOR Tweet"; James Lyne; 2012; <http://twitter.com/jameslyne/status/265906199667556352>
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Danksagung:



Cocoaheads Wien, fürs geduldige ertragen meiner Übungsversuche zu diesem Talk beim CHW038 Meeting.

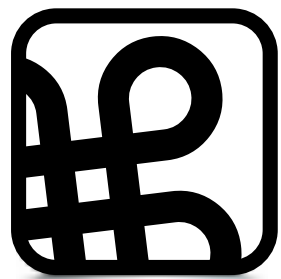


zCasting 3000

Andreas Zeitler von zCasting3000.com für seine kreativen Ideen.



Flauschherz Rendering von Andreas Demmelbauer für diesen Vortrag auf der Macoun 2012. Notice.at



Danke dem gesamten Team der Macoun für die großartige Konferenz!