

Macoun

Reverse-Engineering mit Hopper **für Fortgelaufene**

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Ablauf

- Umfrage
- Demo Beispiel 1
- Demo Beispiel 2
- Demo Beispiel 3
- Demo Beispiel 4 (und das ist gut!)

Umfrage



Demo Beispiel I

/Applications/Xcode.app/Contents/
Developer/Platforms/
iPhoneOS.platform/Developer/Library/
CoreSimulator/Profiles/Runtimes/
iOS.simruntime/Contents/Resources/
RuntimeRoot/System/Library/
Frameworks...

Demo Beispiel 2

Demo Beispiel 3

Demo Beispiel 4

Library

📁 All

🕒 Last 7 Days

★ Favorites

📂 Open Files

▶ 🗑️ Trash

Introduction

📄 First Steps

📄 Markdown XL

📄 Finer Details

📄 Shortcuts and Other Tips

iCloud

📁 Inbox

📄 Posts

📄 Bear Export

🛡️ Test Support

🔍 Keywords

⚙️ URLs

▼ 📄 Test 🔁

👍 Zoom 🔁

🐾 Noch a Hirsch

▶ 📄 NaNo2016 🔁

▶ 📄 Websites

▶ 📄 Medium

▶ 📄 Ulysses 12 Release Bl... 🔁

▶ 📄 Intro iPad 2.6

▶ 🌸 WordPress

▶ ⚙️ Großartig 🔁

▶ 📄 Digging Deeeep

📄 tnmp

▶ 📄 Uni

▶ 🌟 Inspiration

▶ ❤️ My NaNoWriMo Novel

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▶ ? Intros

🔍

✍️

Noch a Hirsch

H1

H2

H3

H4...

Hirschleder und das war schon alles. Yoko

Test

Memoria del campamento Funny Olympics en el CEIP El Enebral de Collado Villalba (2018)...

campamentosmemorias2018collad...

No Sheet Selected

New Sheet

Library

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Inspiration

My NaNoWriMo Novel

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Noch a Hirsch

H1

H2

H3

H4...

Hirschleder und das war schon alles. Yoko

Test

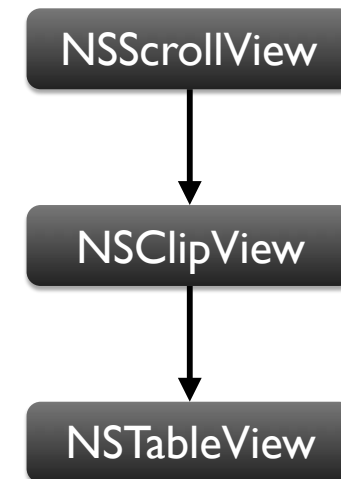
Memoria del campamento Funny
Olympics en el CEIP El Enebral de
Collado Villalba (2018)...

campamentosmemorias2018collad...

No Sheet Selected

New Sheet

- Was ist das? → View Debugger
 - NSTableBackgroundView
- Wo ist das? → View Debugger
 - Subview vom NSClipView



UlyssesMac PID 12616

CPU 212%

Memory 168,5 MB

Energy Impact Very High

Disk Zero KB/s

Network Zero KB/s

Thread 1 Queue: com.apple.main-thread (serial)

0 -[ULtestclipview addSubview:positioned:relativeTo:]

1 -[NSTableView _makeRubberBandViewWithFrame:inView:]

2 -[NSTableView _updateRubberBandAreas]

3 _CFNOTIFICATIONCENTER_IS_CALLING_OUT_TO_AN_OBSE...

4 __CFXRegistrationPost_block_invoke

5 _CFXRegistrationPost

6 __CFXNotificationPost_block_invoke

7 -[_CFXNotificationRegistrar find:object:observer:enumerator:]

8 _CFXNotificationPost

9 -[NSNotificationCenter postNotificationName:object:userInf...

10 -[NSView _postBoundsChangeNotification]

11 -[NSView translateOriginToPoint:]

12 -[NSClipView _selfBoundsChanged]

13 -[NSClipView setFrameSize:]

14 -[NSView setFrame:]

15 -[NSScrollView _setContentViewFrame:]

16 -[NSScrollView _applyContentAreaLayout:]

17 -[NSScrollView tile]

18 -[NSScrollView _tileWithoutRecurring]

19 -[NSScrollView _update]

20 -[NSView setFrameSize:]

21 -[NSView setFrameSize:]

22 -[NSView setFrameSize:]

23 -[NSView setFrameSize:]

24 -[NSView setFrameSize:]

```

1 //
2 //  ULtestclipview.m
3 //  Ulysses Mac
4 //
5 //  Created by Max Seeleemann on 05.09.18.
6 //  Copyright © 2018 Ulysses GmbH & Co. KG. All rights reserved.
7 //
8
9 #import "ULtestclipview.h"
10
11 @implementation ULtestclipview
12
13 - (void)didAddSubview:(NSView *)subview;
14 {
15     [super didAddSubview: subview];
16 }
17
18 - (void)addSubview:(NSView *)view positioned:(NSWindowOrderingMode)place relativeTo:(nullable NSView *)otherView
19 {
20     [super addSubview:view positioned:place relativeTo:otherView];
21 }
22
23 @end
24

```

- self** = (ULtestclipview *) 0x10e46e0d0
- view** = (NSTableBackgroundView *) 0x600003b8e3e0
- place** = (NSWindowOrderingMode) NSWindowBelow
- otherView** = (NSView *) nil

> Demo

🦋 UlyssesMac > 🧵 Thread 1 > 👤 0 -[ULtestclipview addSubview:positioned:relativeTo:]

```
2018-09-05 11:39:02.221726+0200 UlyssesMac[12616:1175422] [default] Unable to load Info.plist exceptions (eGPUOver
2018-09-05 11:39:02.248 UlyssesMac[12616:1175235] [HockeySDK] WARNING: Detecting crashes is NOT enabled due to ru
data too short after length-prefix of 113
2018-09-05 11:39:04.668528+0200 UlyssesMac[12616:1175608] Started search with 1 / 2048 uncached results.
2018-09-05 11:39:04.680674+0200 UlyssesMac[12616:1175608] Started search with 1 / 2048 uncached results.
2018-09-05 11:39:04.691145+0200 UlyssesMac[12616:1175608] Started search with 1 / 2048 uncached results.
2018-09-05 11:39:05.026553+0200 UlyssesMac[12616:1175433] Error opening file /Users/max/Library/Mobile Documents/
Domain=NSCocoaErrorDomain Code=260 "The file "Content.xml" couldn't be opened because there is no such file."
c22f1102331c4fce86977e62f9512311.ulysses/Content.xml, NSError=0x6000015f7e70 {Error Domain=NSPOSIXE
(11db) po [self backgroundColor]
Catalog color: System controlBackgroundColor

(11db) po [self.documentView backgroundColor]
Generic Gray Gamma 2.2 Profile colorspace 1 1

(11db) |
```

All Output ↕

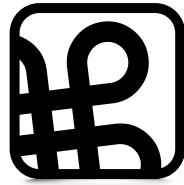

```
- (void)noteAppearanceChanged
{
    [super noteAppearanceChanged];

    self.view.appearance = self.view.window.effectiveAppearance;
    self.view.backgroundColor = (self.view.useDarkAppearance
                                ? (ULSystemVersion(10.14) ? NSColor.controlBackgroundColor : NSColor.windowBackgroundColor)
                                : NSColor.whiteColor);
}
```

`self.view.enclosingScrollView.backgroundColor = ...`

Fragen?

Vielen Dank



Macoun