UI-Design **schnell**
und **günstig**

„Deliverables“

Grobe Skizze

„pixel-perfect“ in Photoshop

Papier/ PowerPoint-Entwurf

Farbwerte, Abmessungen, CSS, HTML, XAML, ...

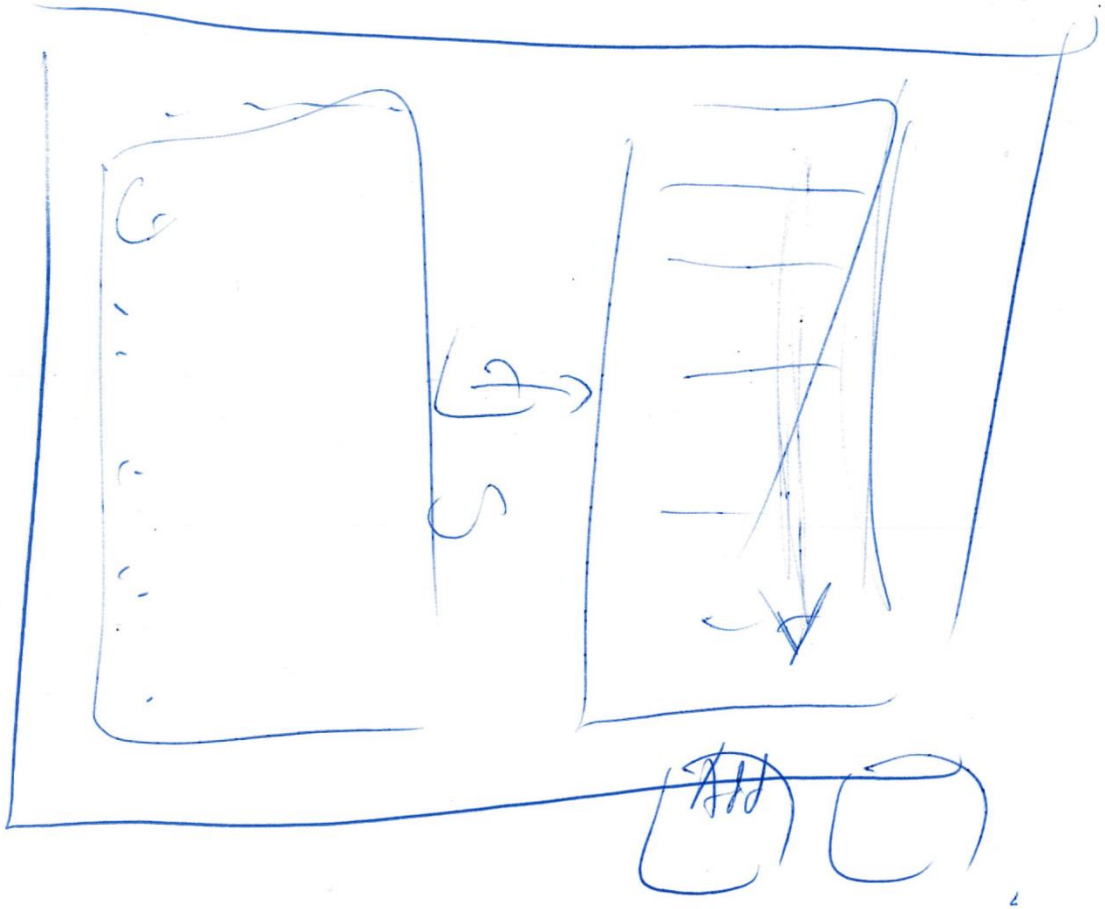
interaktiver Prototyp

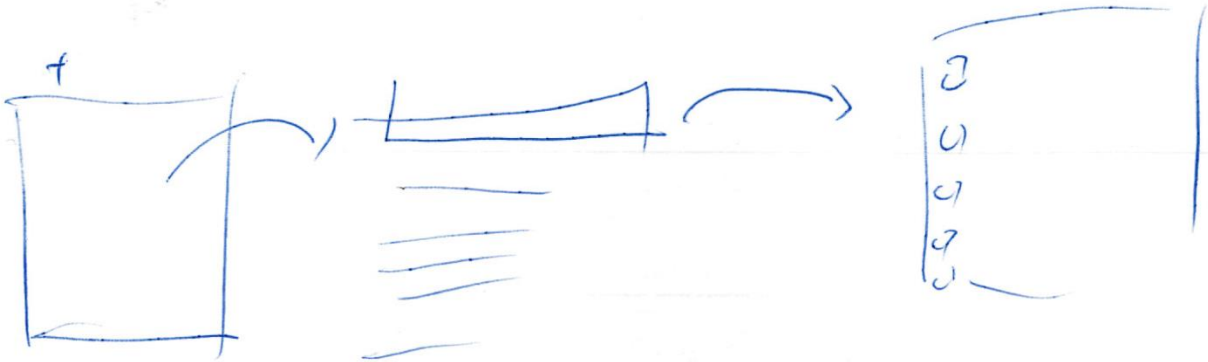
Stift und Papier?

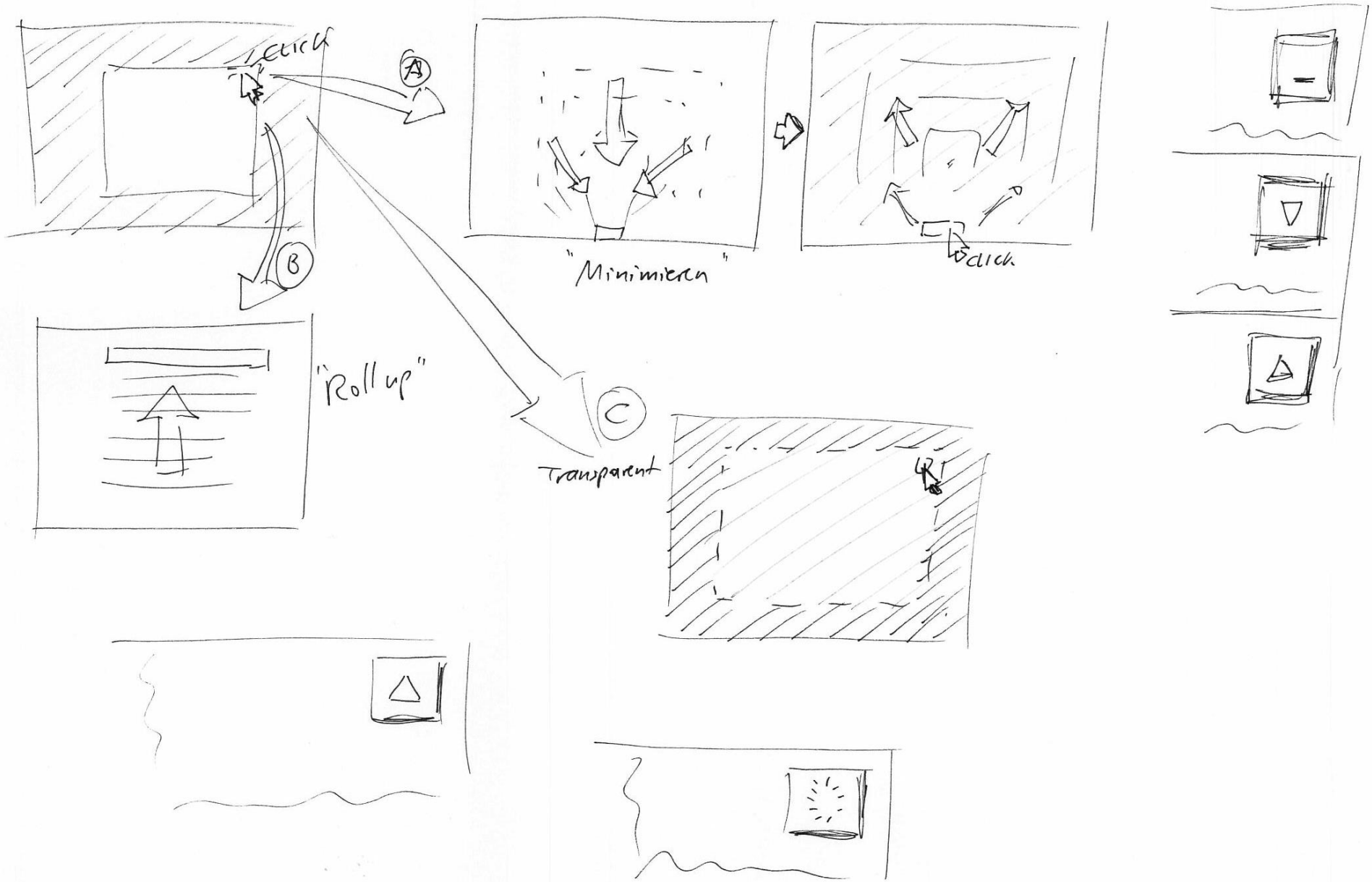
- Ziel: Schneller arbeiten als mit dem Computer

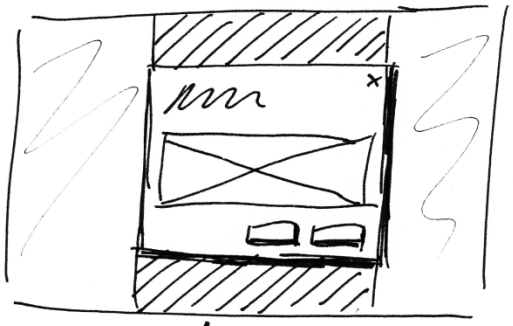
  $\Rightarrow$ Mehr Ideen probieren / Zeit

- Schneller durch
  - Reduktion auf das Wesentliche
  - Kein Festhalten an „Wertvollem“

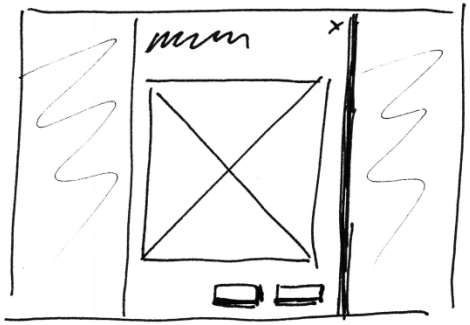





click
A
B
C
"Minimieren"
click
"Roll up"
Transparent

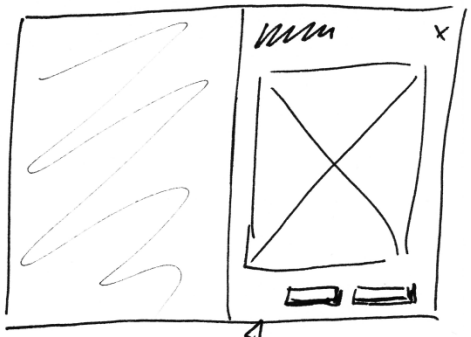


Ungenutzter Platz



Stimmt Fenster-Metapher?

Freies Verschieben im Browser sinnvoll?

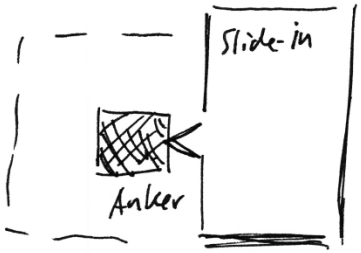


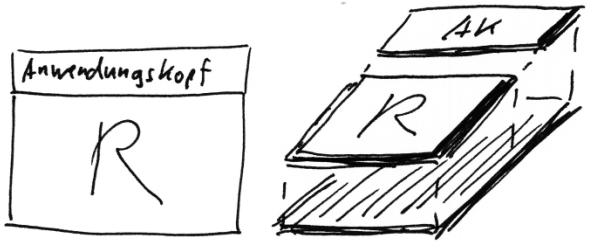
Fest am rechten Rand

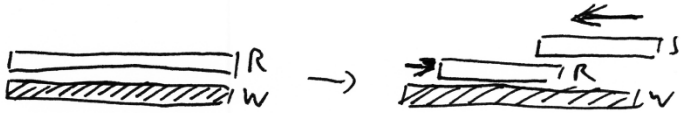
Problem: Rechte Seite immer überdeckt

Lösung: Report verkleinern/verschieben

Mentales Modell

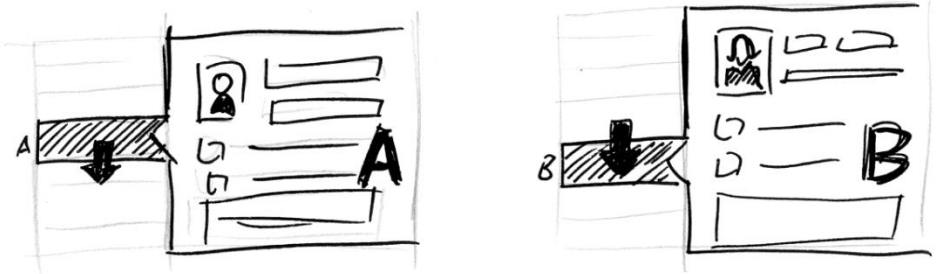




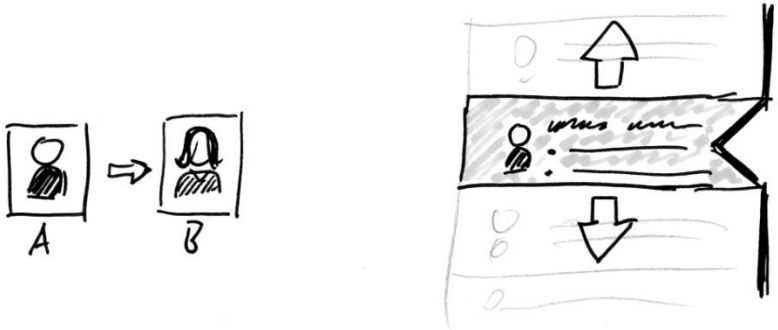


Eigenschaften einer Skizze

- Schnell erstellt
  - „Krumm und schief“ kein Problem

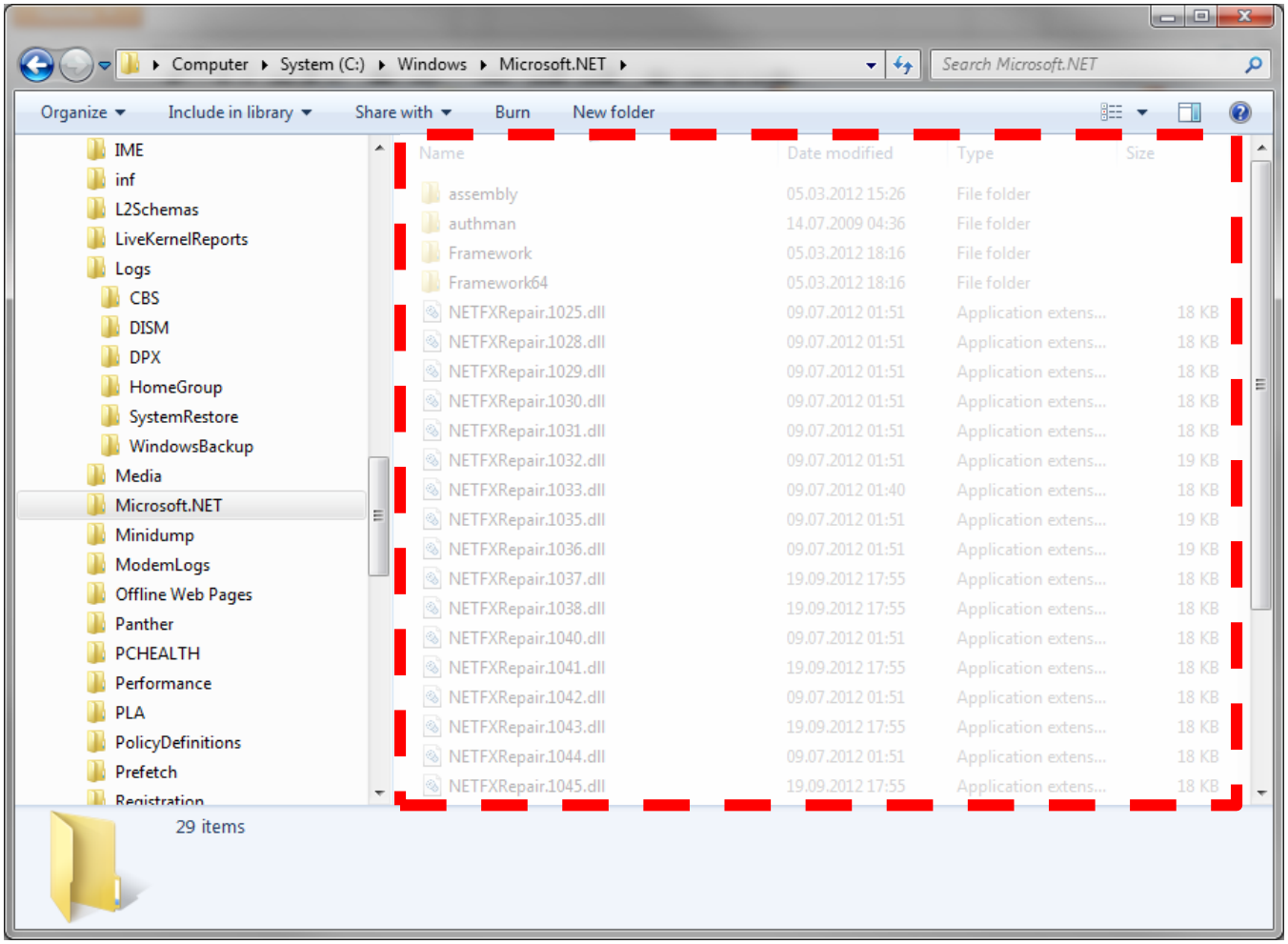


- Stark reduziert
  - Kein Anspruch auf Vollständigkeit

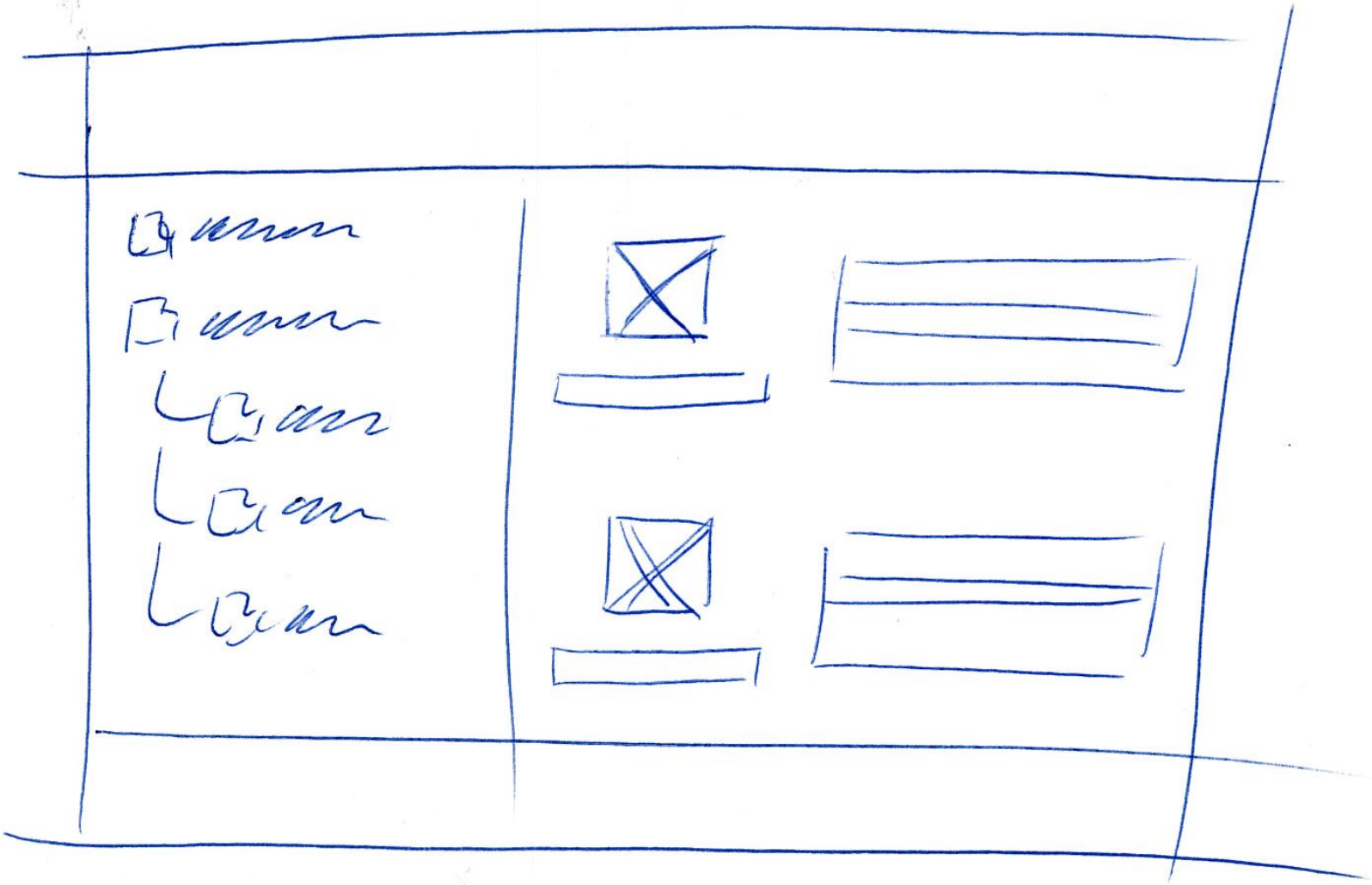


- Nicht „wertvoll“
  - Kein endloses Reparieren

Beispiel: Neue Explorer-Ansicht

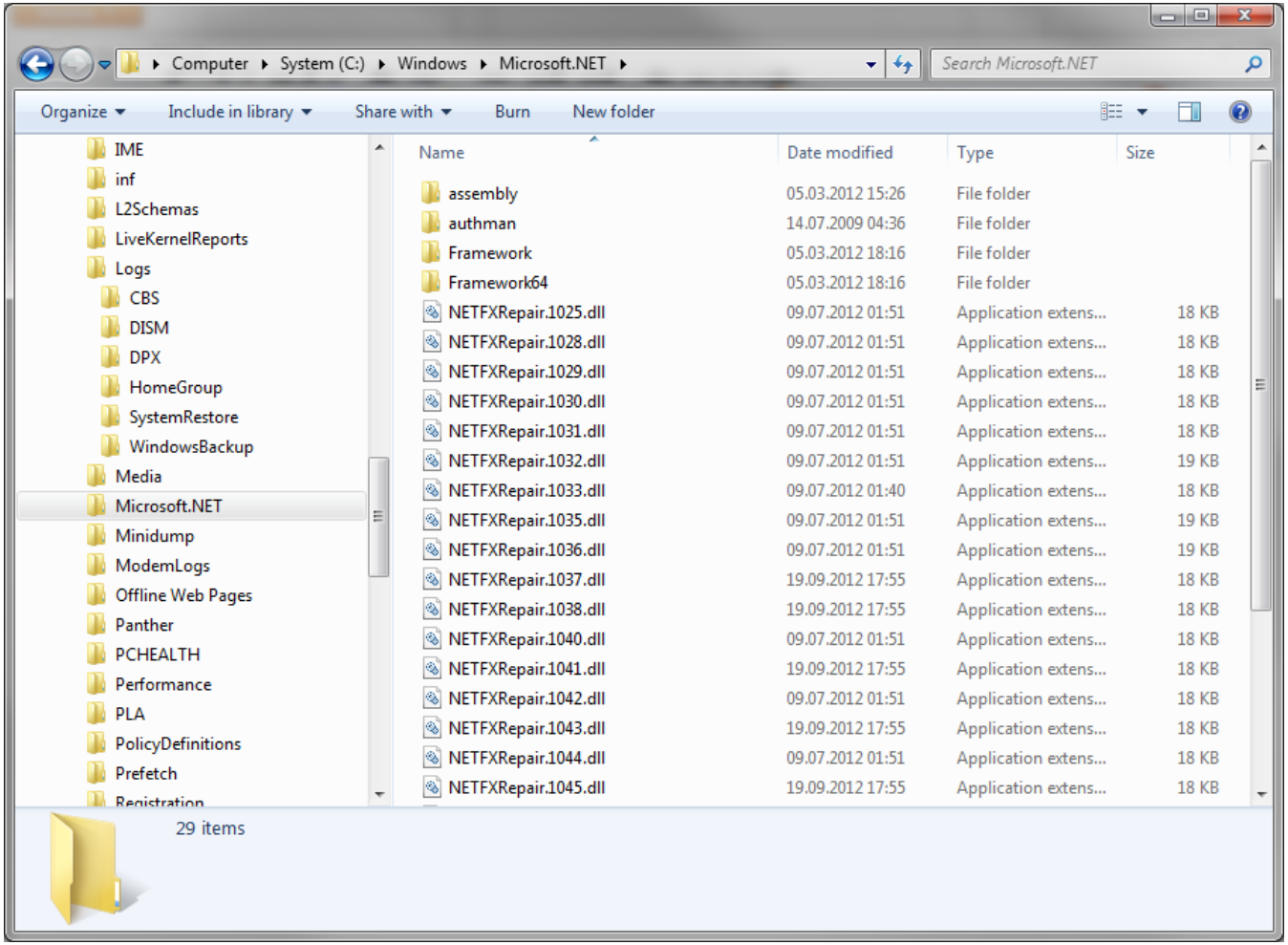


Beispiel: Neue Explorer-Ansicht

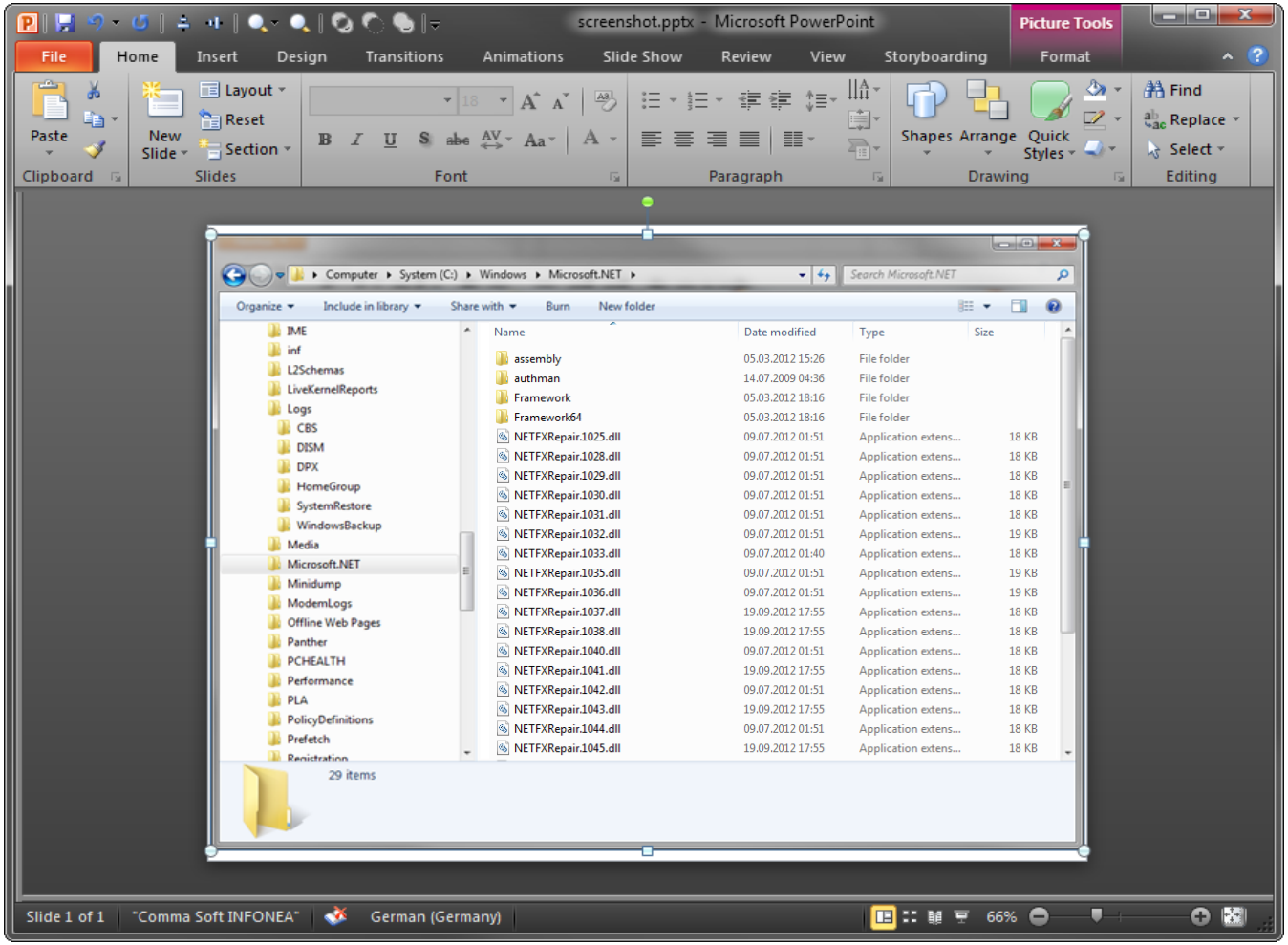


„Erlaubt“ ist,
was funktioniert

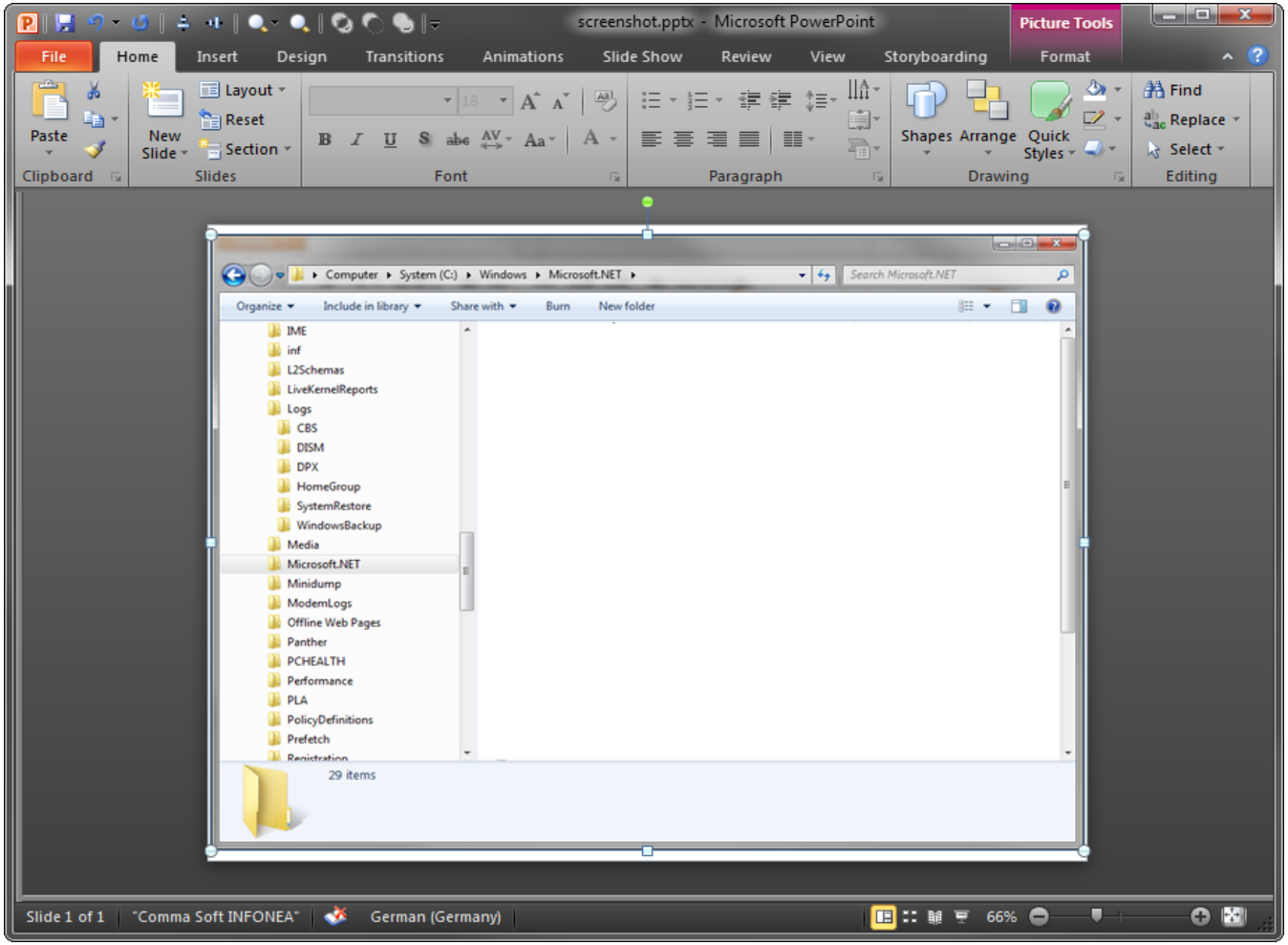
Screenshot als Ausgangspunkt...



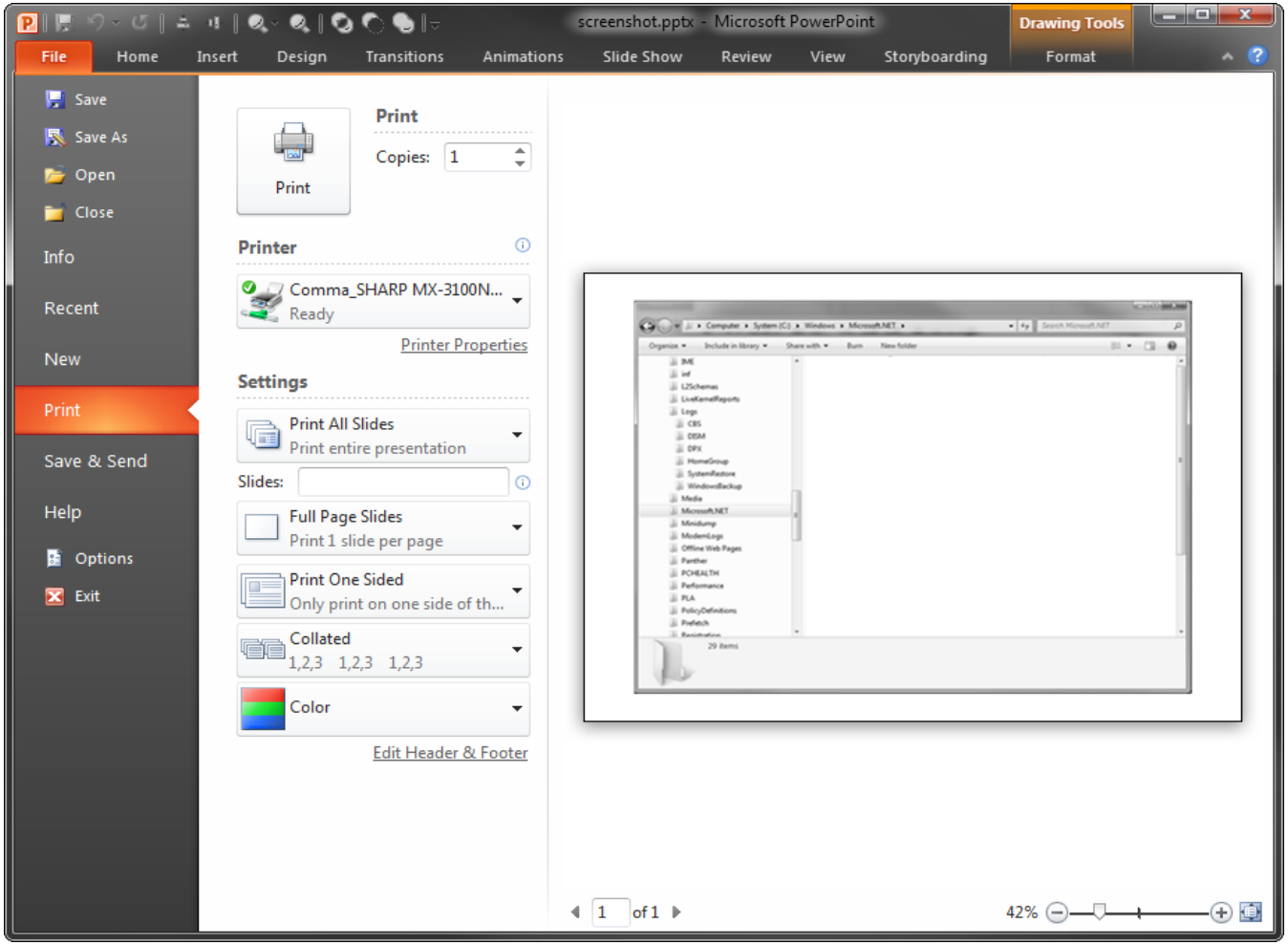
...z.B. in PowerPoint nachbearbeiten...

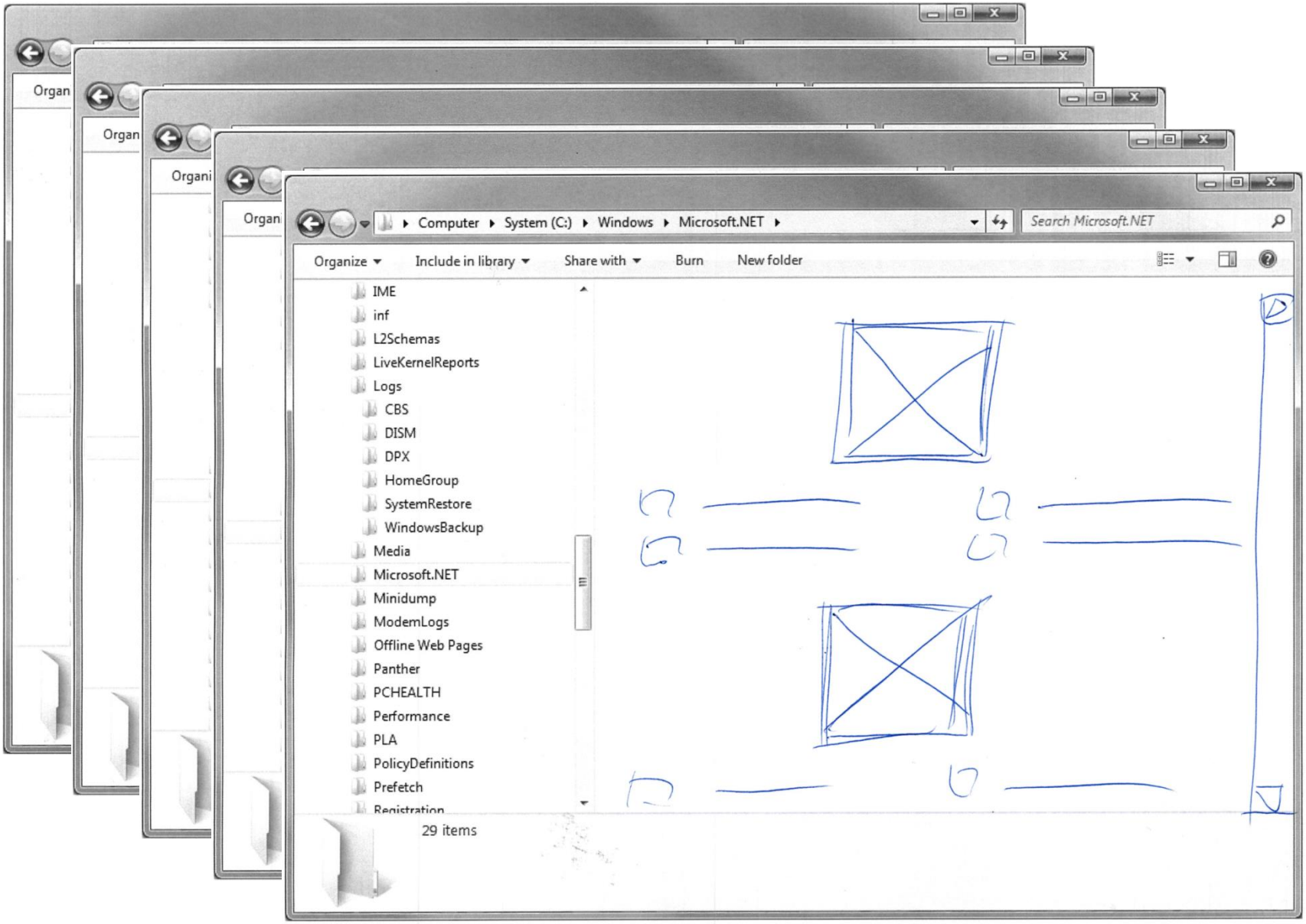


...z.B. in PowerPoint nachbearbeiten...



...und Ausdrucken

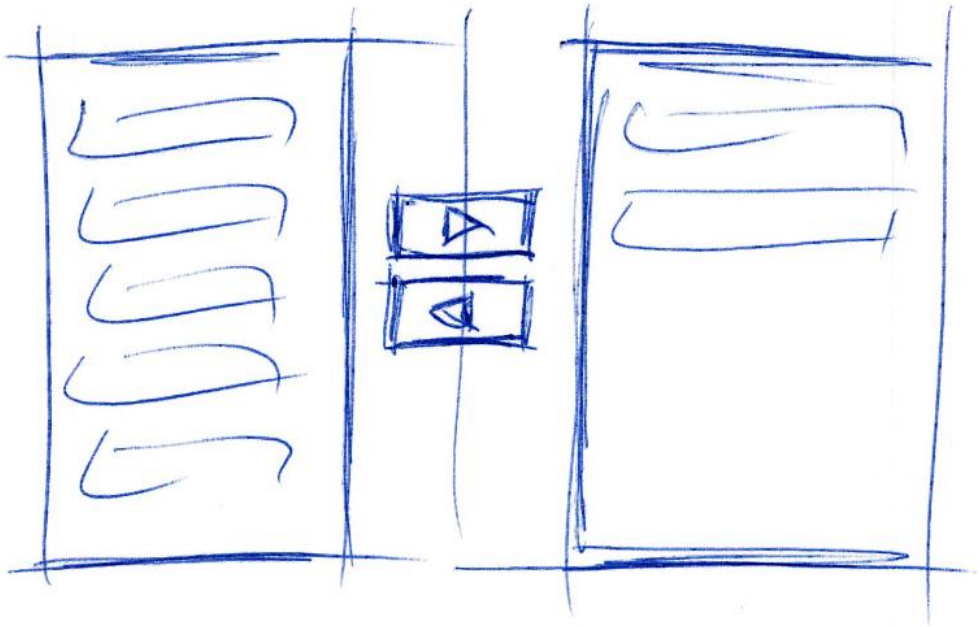



Computer ▸ System (C:) ▸ Windows ▸ Microsoft.NET ▸
Search Microsoft.NET
Organize
Include in library
Share with
Burn
New folder
IME
inf
L2Schemas
LiveKernelReports
Logs
CBS
DISM
DPX
HomeGroup
SystemRestore
WindowsBackup
Media
Microsoft.NET
Minidump
ModemLogs
Offline Web Pages
Panther
PCHEALTH
Performance
PLA
PolicyDefinitions
Prefetch
29 items

Tipps & Tricks

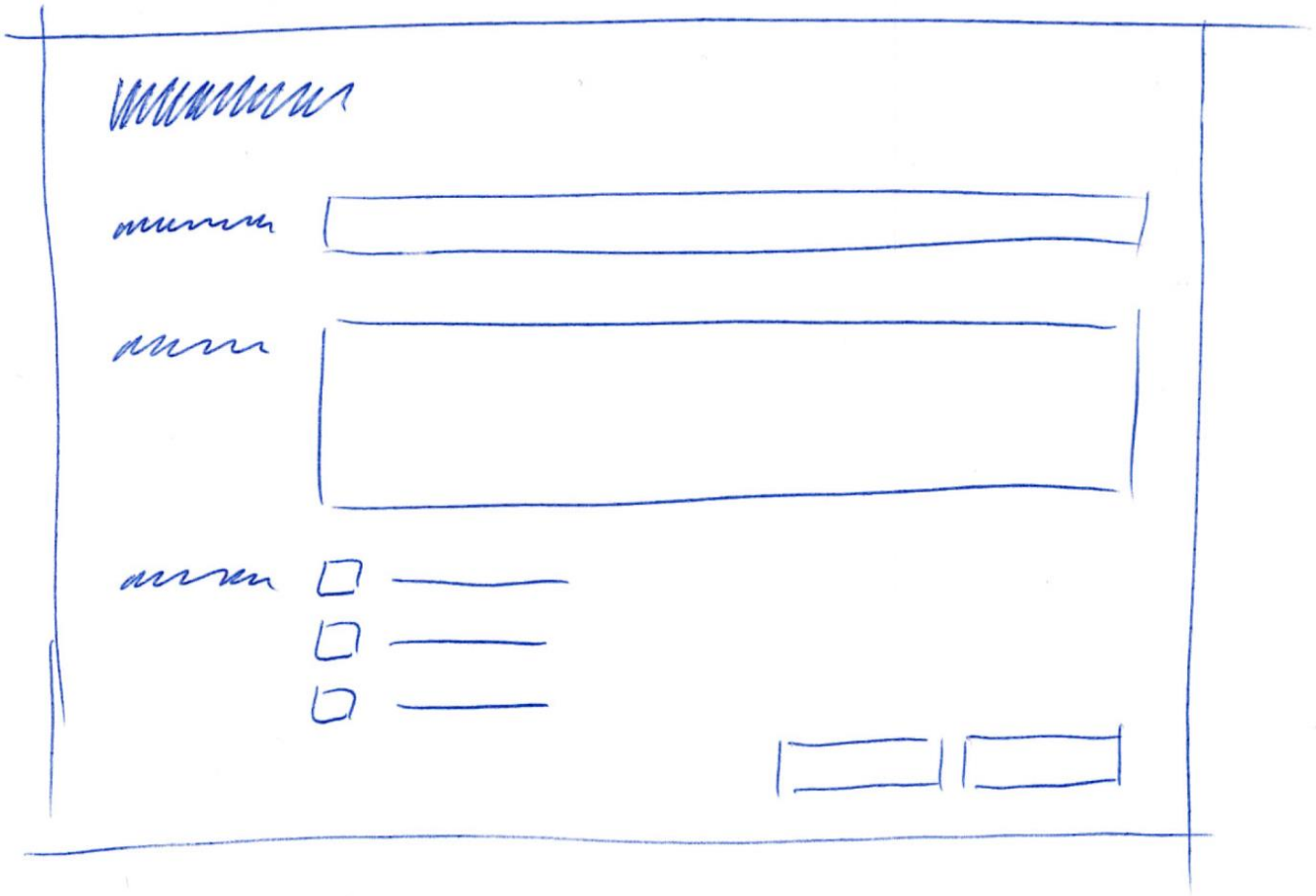
Tipps für Skizzen

- Nicht radieren…
- Übermalen!



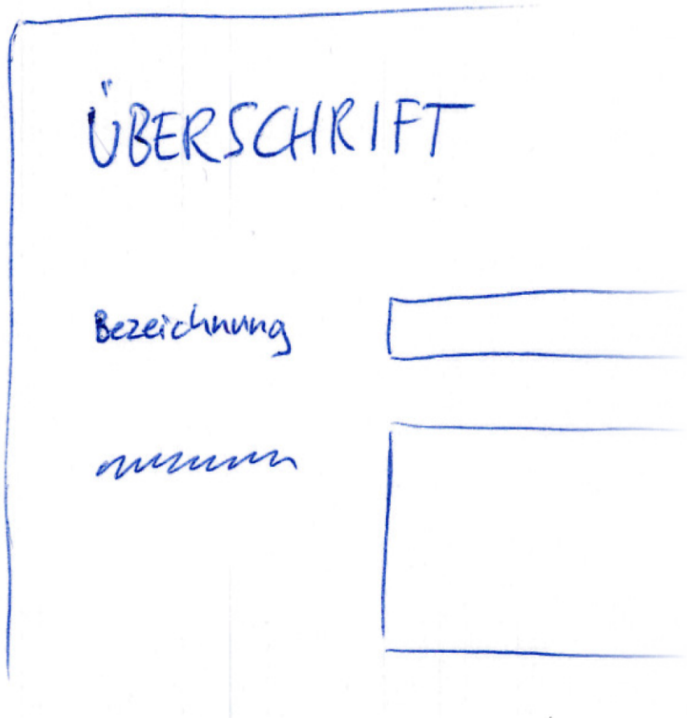
Tipps für Skizzen

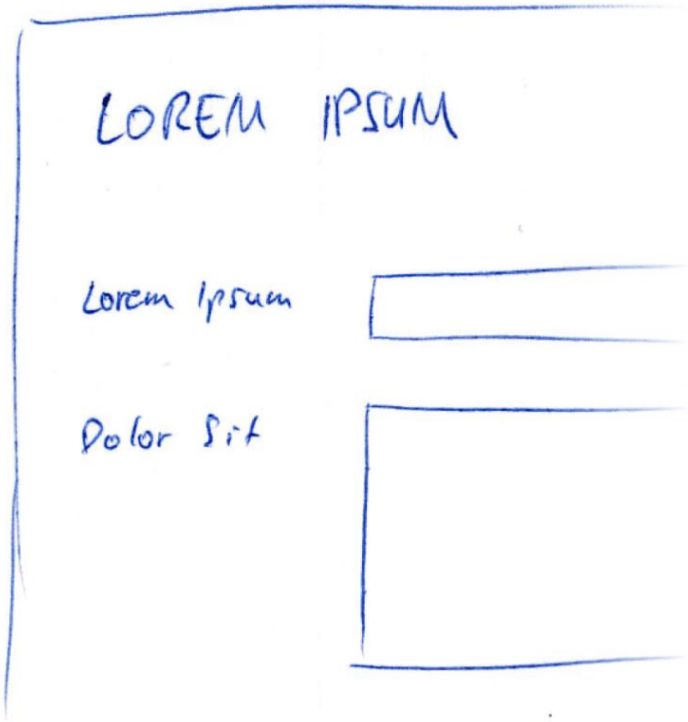
- Gekrakel statt Schrift



Tipps für Skizzen

- Blindtext, z.B. „Lorem Ipsum“*

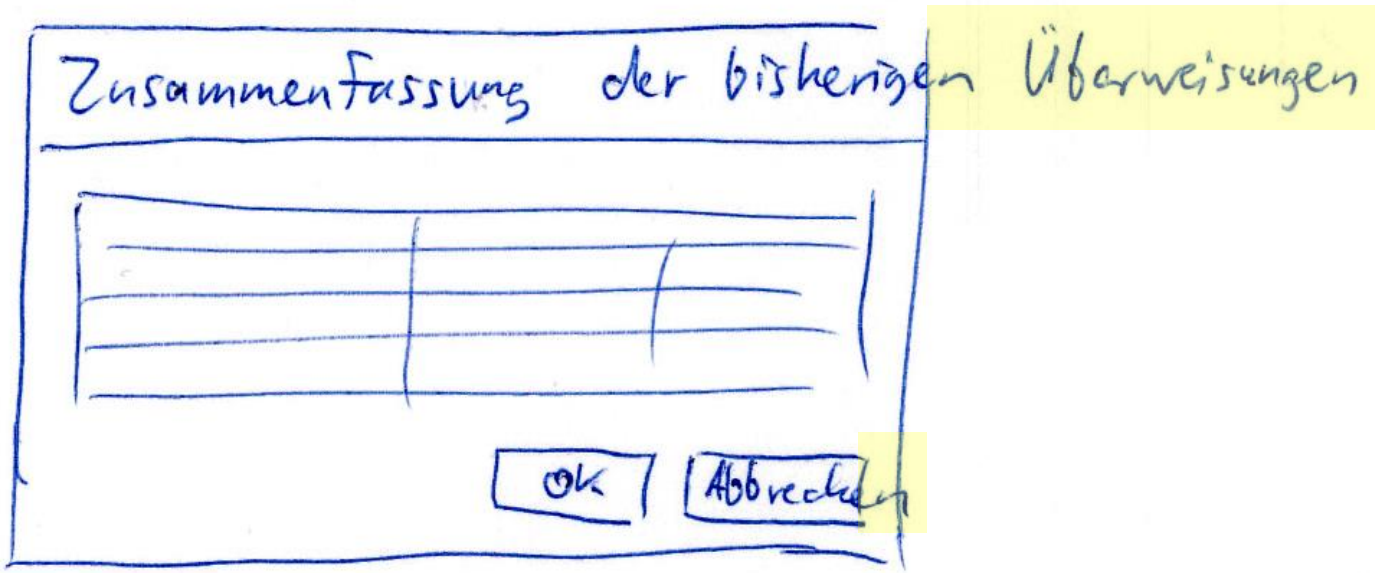




* „Lorem Ipsum“ Text u.a. auf http://www.lipsum.com/

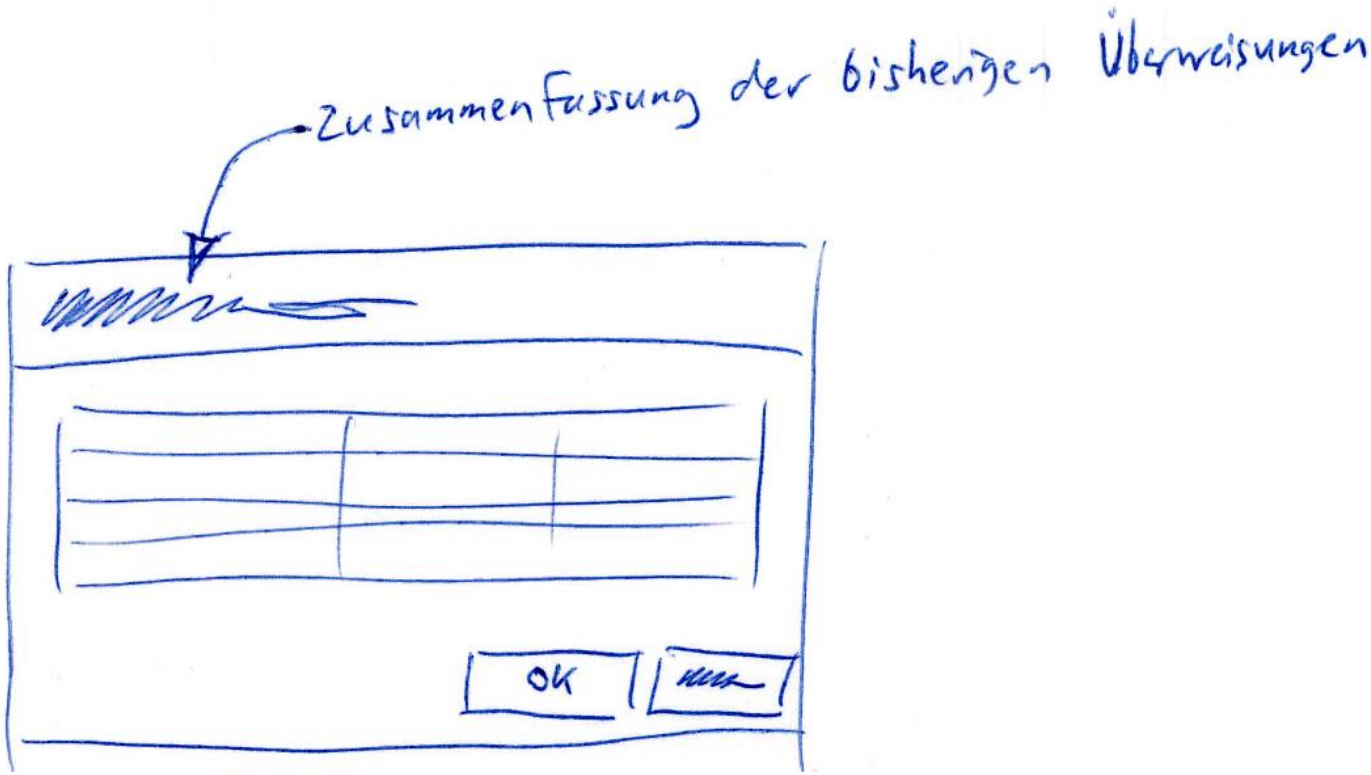
Tipps für Skizzen

- Längere Texte nicht direkt in der Skizze



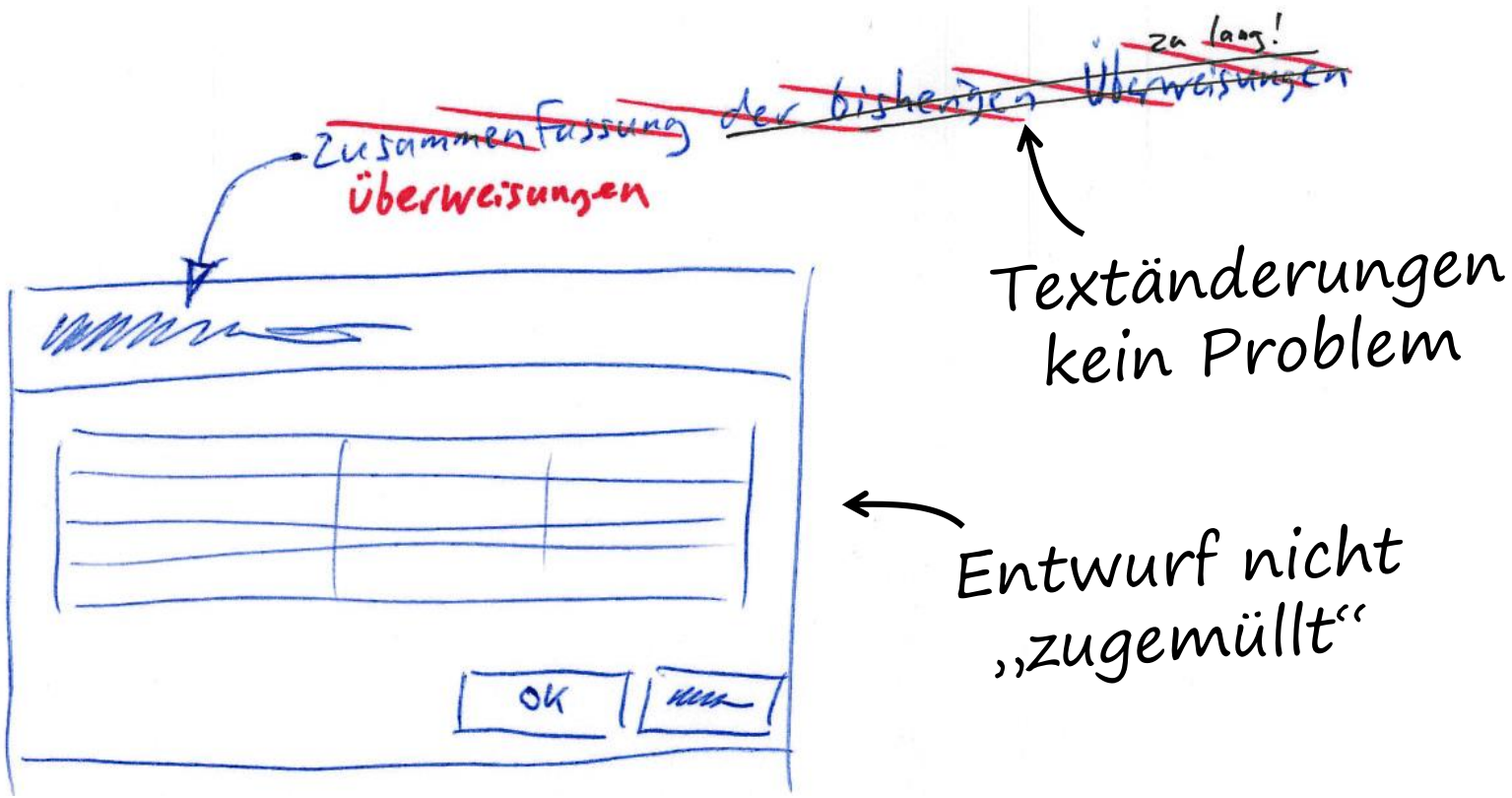
Tipps für Skizzen

- Längere Texte als Anmerkung



Tipps für Skizzen

- Längere Texte als Anmerkung

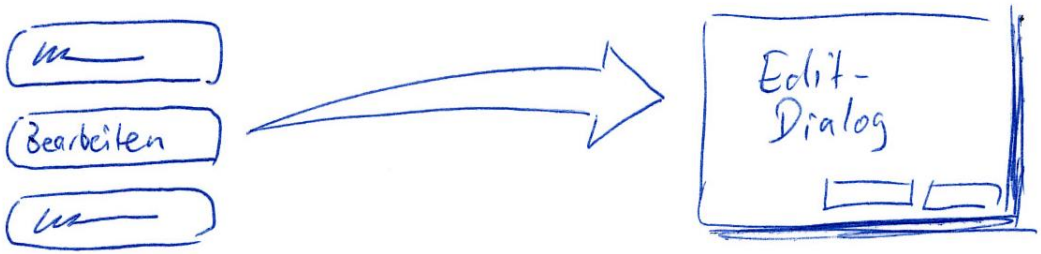


Tipps für Skizzen

- Pfeile bewusst einsetzen

Beschriftung

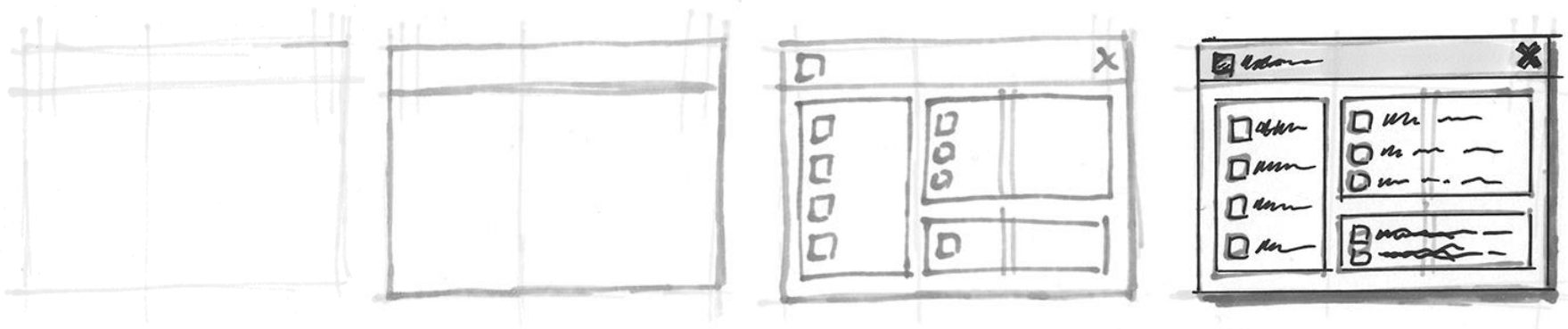
Fluss/Bewegung von … nach



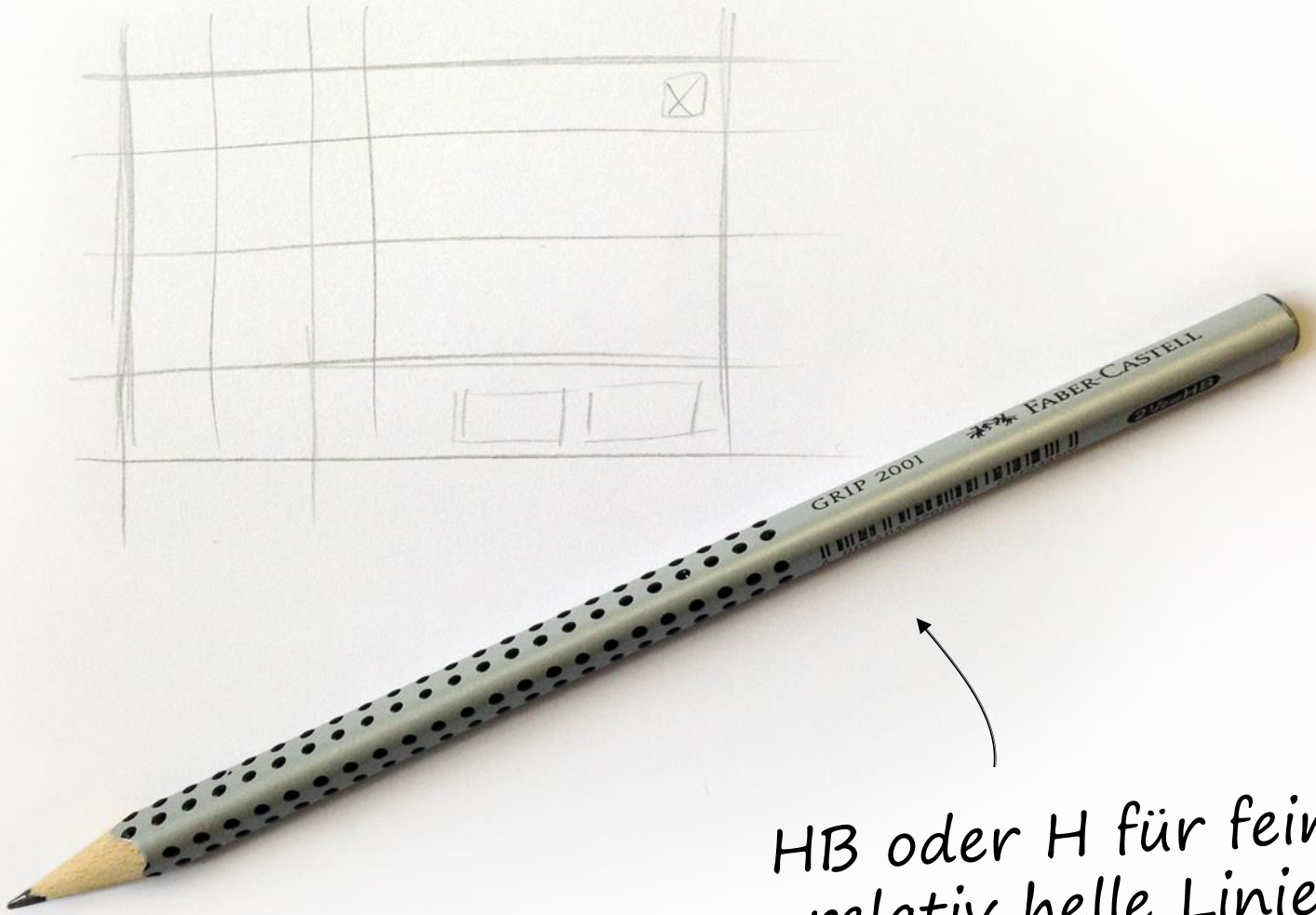
Sprung hin zu …

Tipps für Skizzen

- Benötigten Platz grob vorausplanen
- Aufbau in Schichten
  - Fein → dick, hell → dunkel
  - Nicht radieren, einfach übermalen



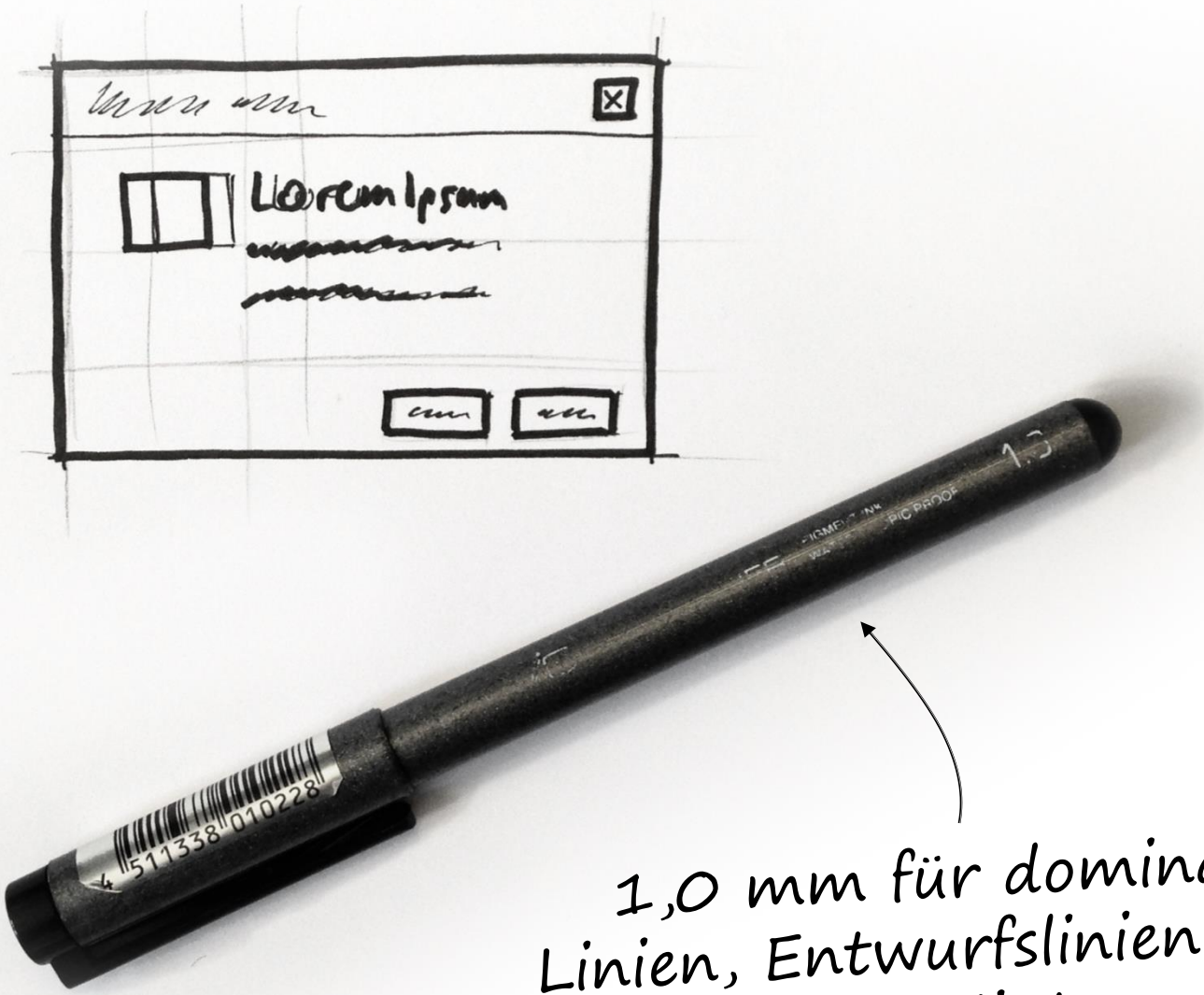
Bleistift



HB oder H für feine,
relativ helle Linien

0,3 mm COPIC Multiliner

1,0 mm COPIC Multiliner



1,0 mm für dominante Linien, Entwurfslinien treten so in den Hintergrund

Illustrationsmarker

Illustrationsmarker

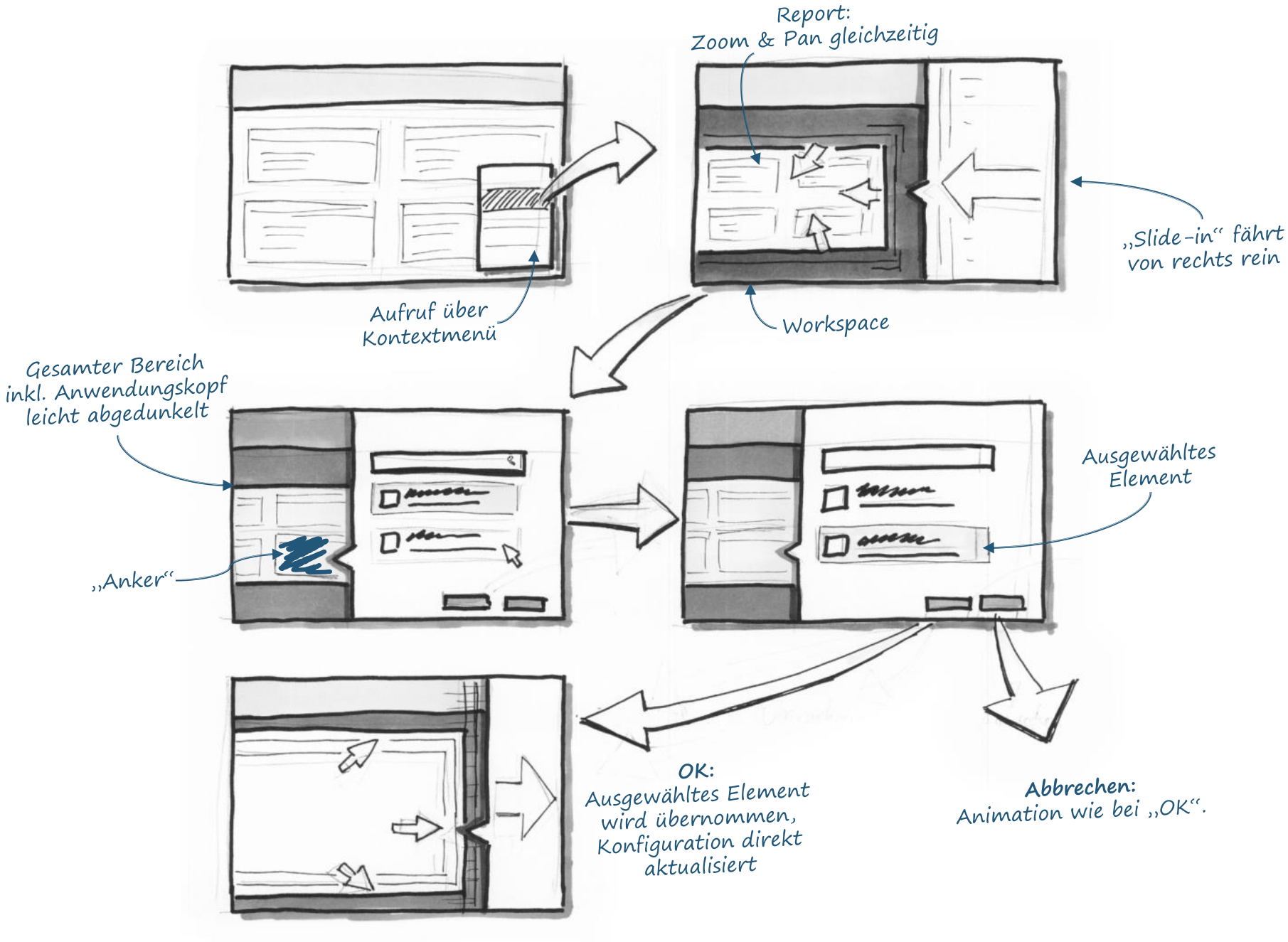
„Ausmalen“ häufig
nur ein Strich

Skizzieren auf Papier

- Schnelle Ergebnisse
  - geringer Aufwand pro Entwurf
  - Ideen festhalten, solange sie im Kopf sind
- Unkomplizierte Zusammenarbeit
  - Skizzieren mit mehreren Leuten

Oberstes Ziel: Zeit sparen

- Screenshots **ausdrucken**
  - Nicht bei Null anfangen
- Skizzen **kopieren**
  - Wiederholungen vermeiden
- Skizzen **einscannen**
  - Digital weiterverarbeiten


Report:
Zoom & Pan gleichzeitig
„Slide-in“ fährt
von rechts rein
Aufruf über
Kontextmenü
Workspace
Gesamter Bereich
inkl. Anwendungskopf
leicht abgedunkelt
„Anker“
Ausgewähltes
Element
OK:
Ausgewähltes Element
wird übernommen,
Konfiguration direkt
aktualisiert
Abbrechen:
Animation wie bei „OK“.

Mockup

Attrappe

Modell

Nachbildung

Nicht funktionstüchtig!

Photo used under Creative Commons from nicolas.boulosa

Prototyp

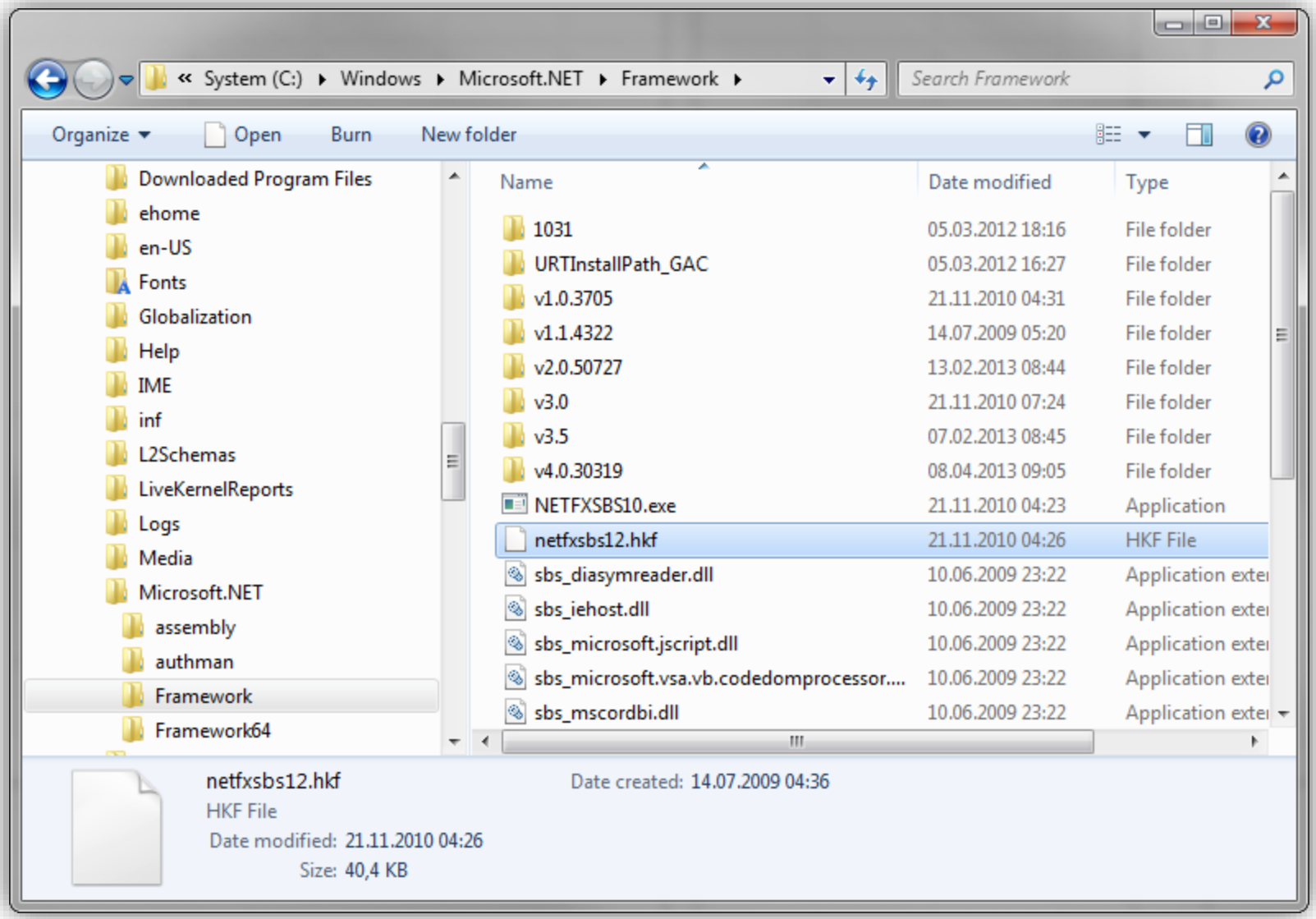
Zur Erprobung und Weiterentwicklung bestimmte **erste Ausführung** (von Fahrzeugen, Maschinen o. Ä.)

(Zumindest teilweise) funktionstüchtig!

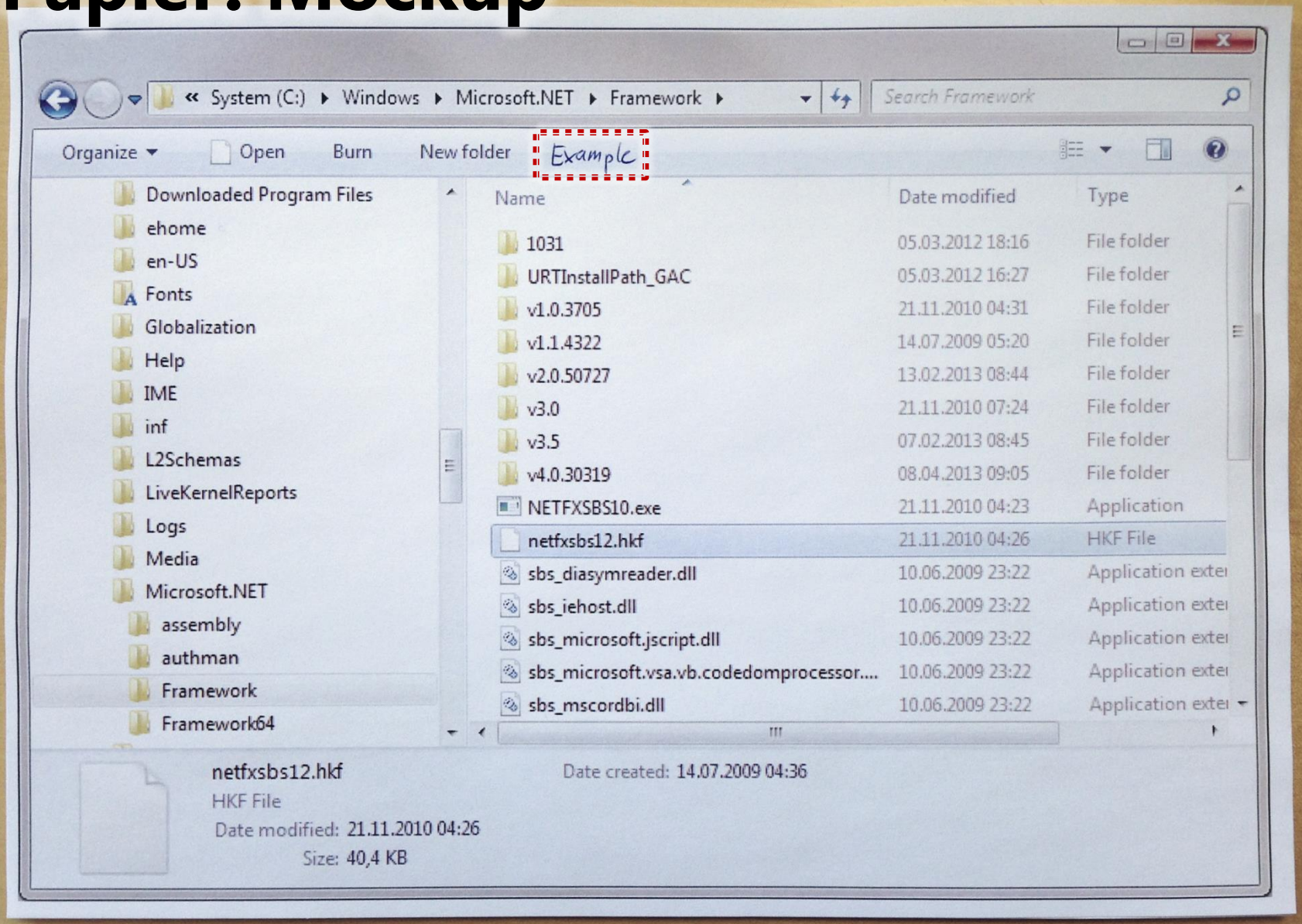
Mockups und Prototypen

- **Low Fidelity**
  - Papier, Schere, Kleber ? „paper prototyping“
  - Visio, PowerPoint
  - Wireframe Tools (Balsamiq, Sketchflow)
  - Ziel: **Schnelle Erprobung**
- **High Fidelity**
  - Photoshop ? „comp“ (comprehensive layout)
  - In Code
  - Ziel: **Sehr realistischer Eindruck**

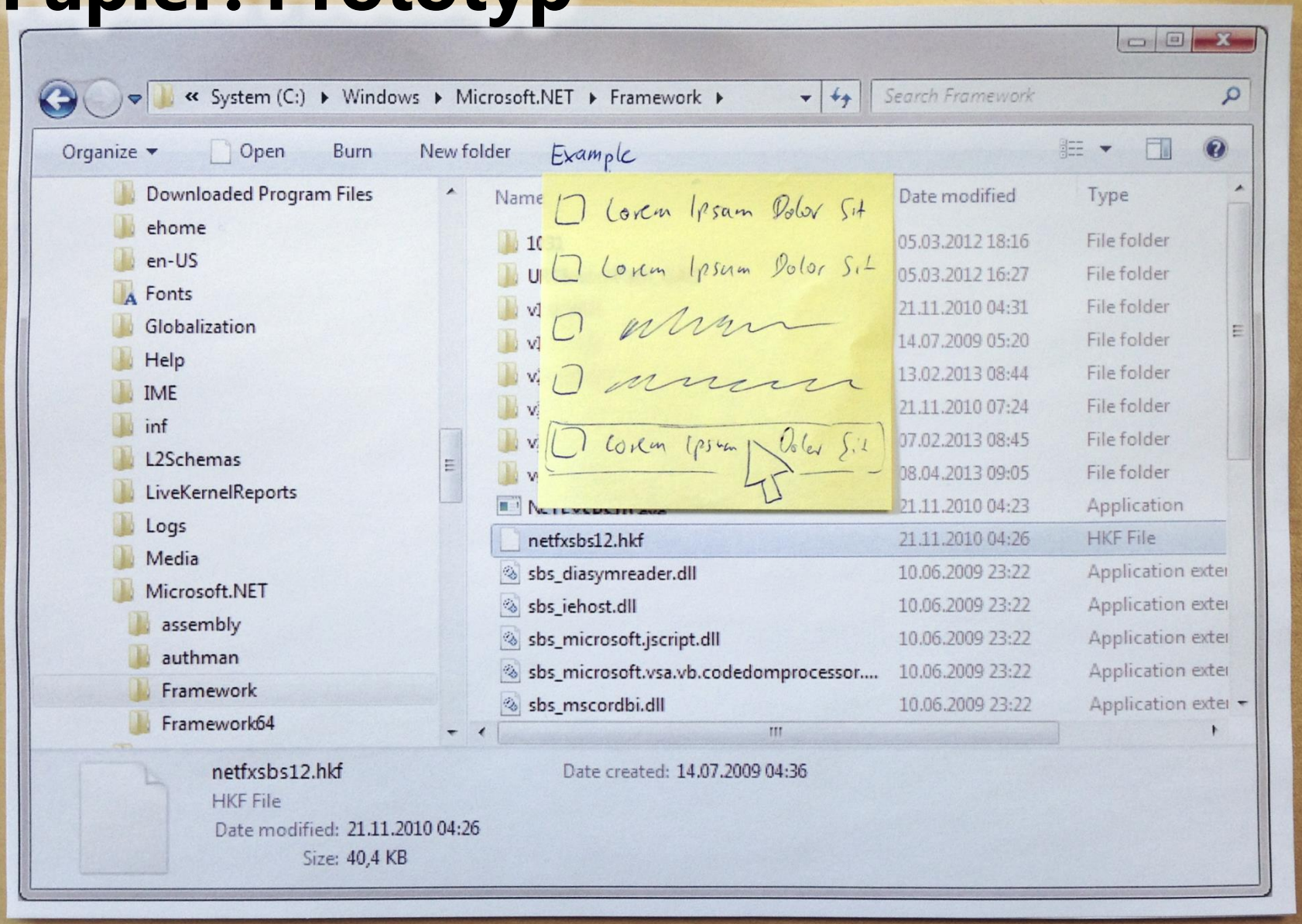
Screenshot


System (C:) ▸ Windows ▸ Microsoft.NET ▸ Framework ▸
Search Framework
Organize
Open
Burn
New folder
Downloaded Program Files
ehome
en-US
Fonts
Globalization
Help
IME
inf
L2Schemas
LiveKernelReports
Logs
Media
Microsoft.NET
assembly
authman
Framework
Framework64
Name
Date modified
Type
1031 05.03.2012 18:16 File folder
URTInstallPath_GAC 05.03.2012 16:27 File folder
v1.0.3705 21.11.2010 04:31 File folder
v1.1.4322 14.07.2009 05:20 File folder
v2.0.50727 13.02.2013 08:44 File folder
v3.0 21.11.2010 07:24 File folder
v3.5 07.02.2013 08:45 File folder
v4.0.30319 08.04.2013 09:05 File folder
NETFXSBS10.exe 21.11.2010 04:23 Application
netfxsbs12.hkf 21.11.2010 04:26 HKF File
sbs_diasymreader.dll 10.06.2009 23:22 Application exte
sbs_iehost.dll 10.06.2009 23:22 Application exte
sbs_microsoft.jscript.dll 10.06.2009 23:22 Application exte
sbs_microsoft.vsa.vb.codedomprocessor.... 10.06.2009 23:22 Application exte
sbs_mscordbi.dll 10.06.2009 23:22 Application exte
netfxsbs12.hkf
HKF File
Date modified: 21.11.2010 04:26
Size: 40,4 KB
Date created: 14.07.2009 04:36

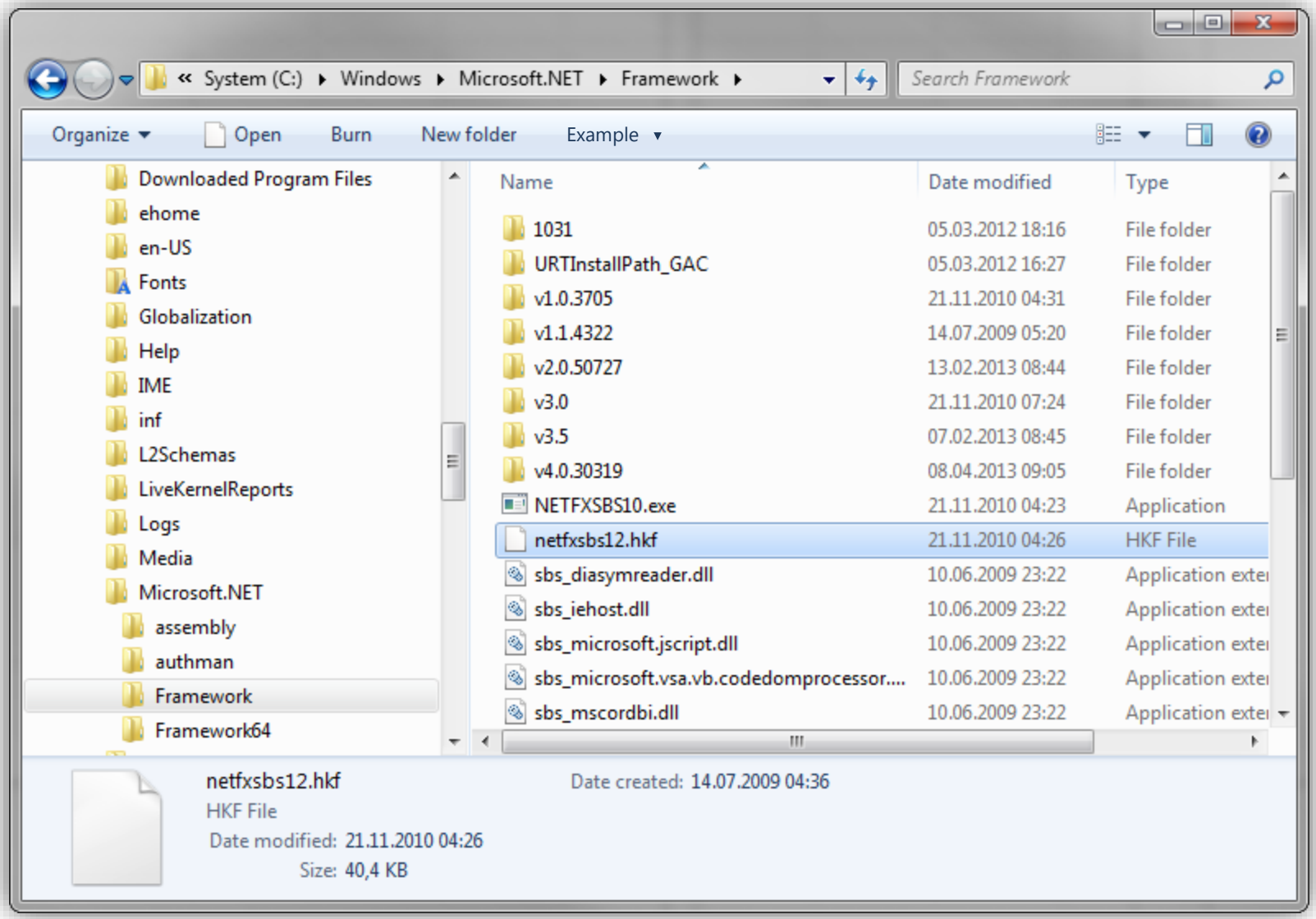
Papier: Mockup



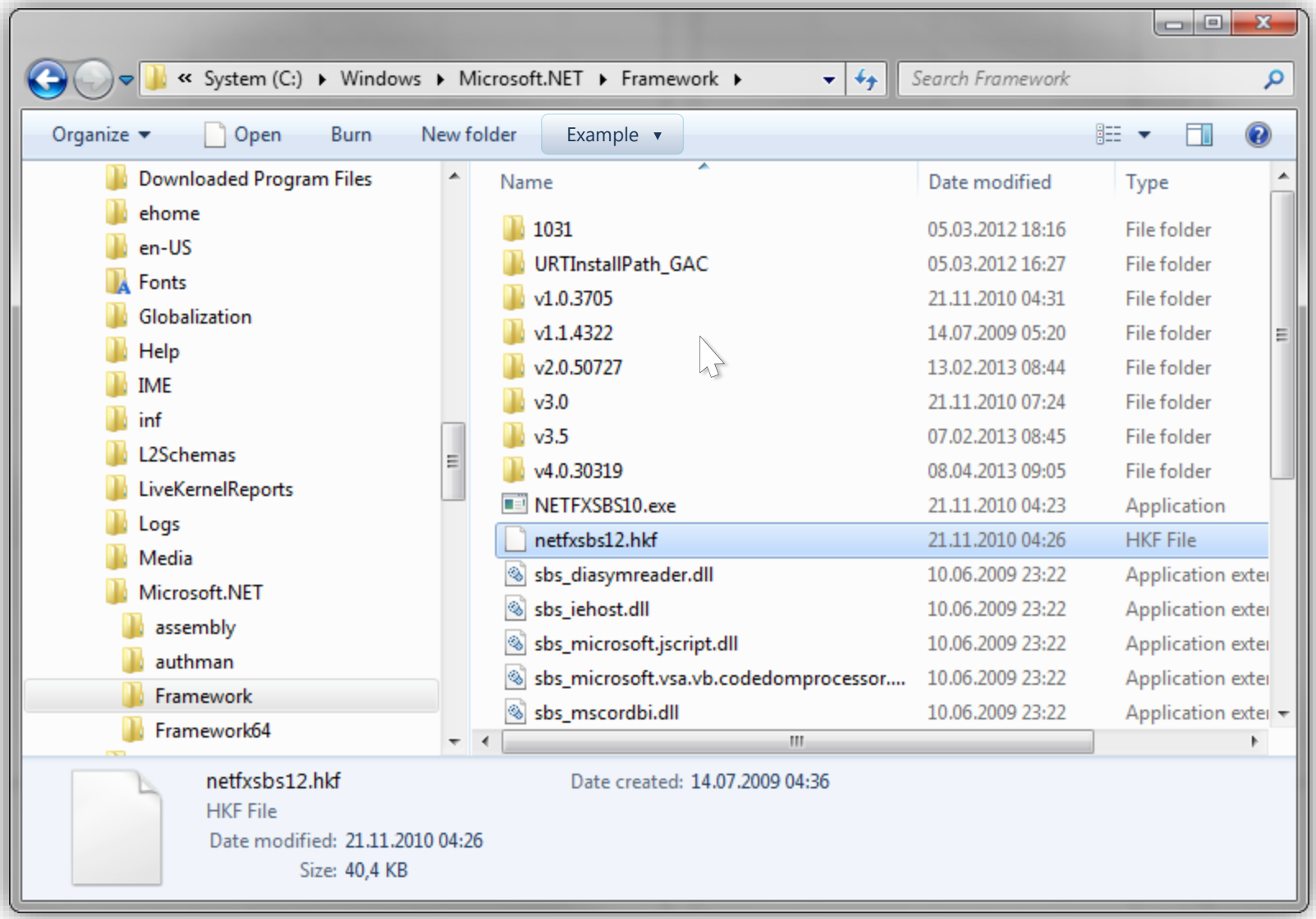
Papier: Prototyp



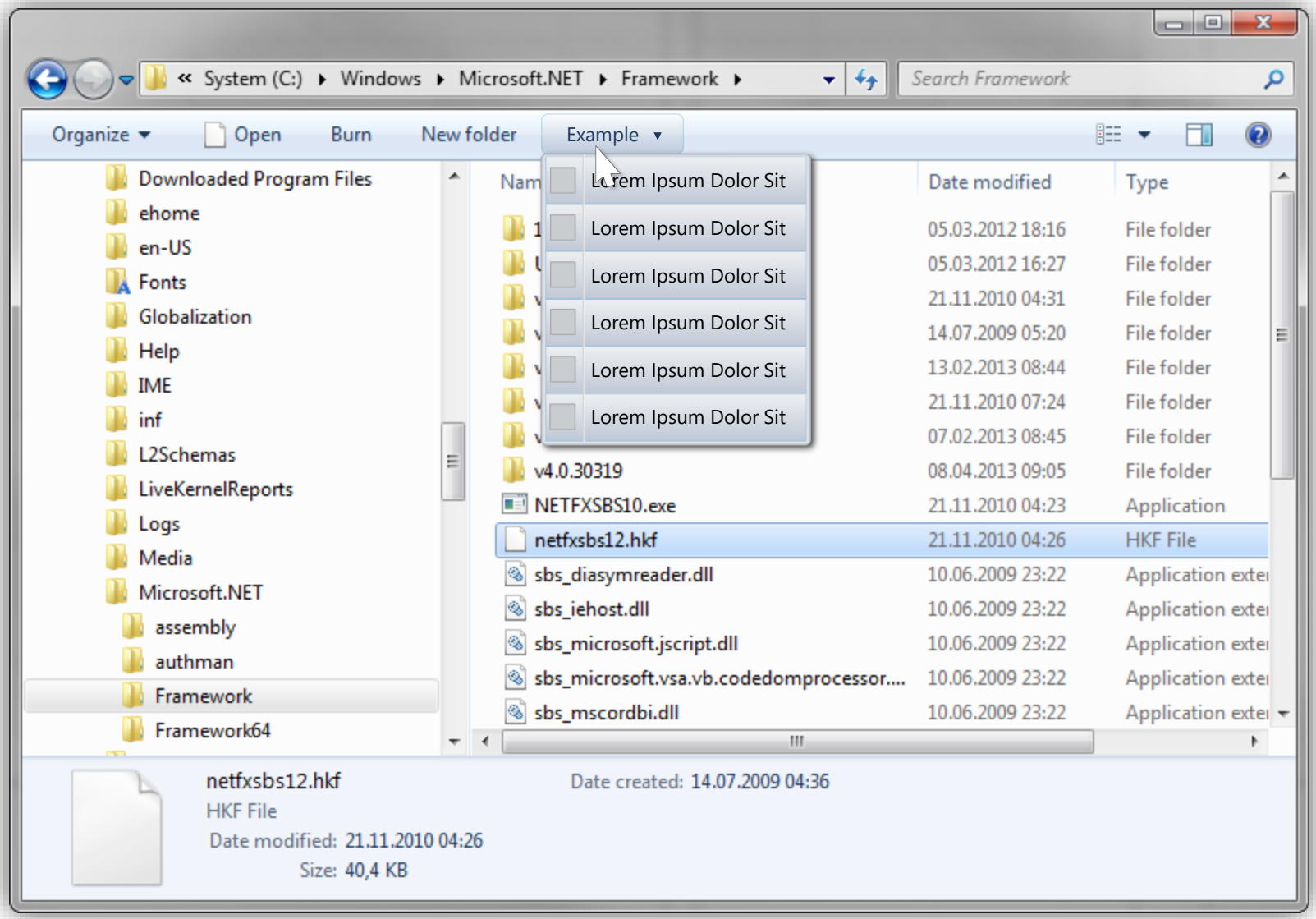
PowerPoint: Mockup



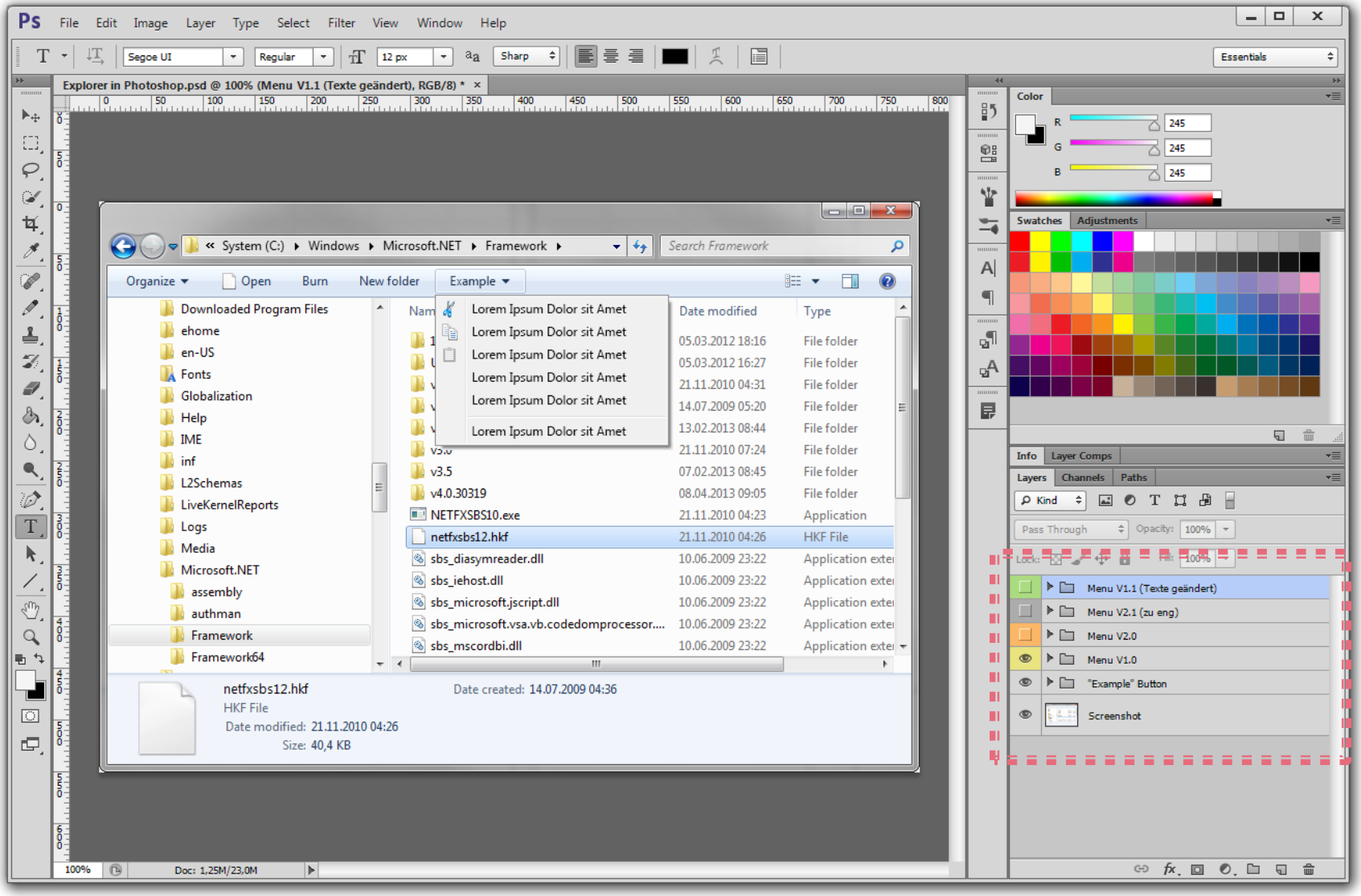
PowerPoint: Prototyp



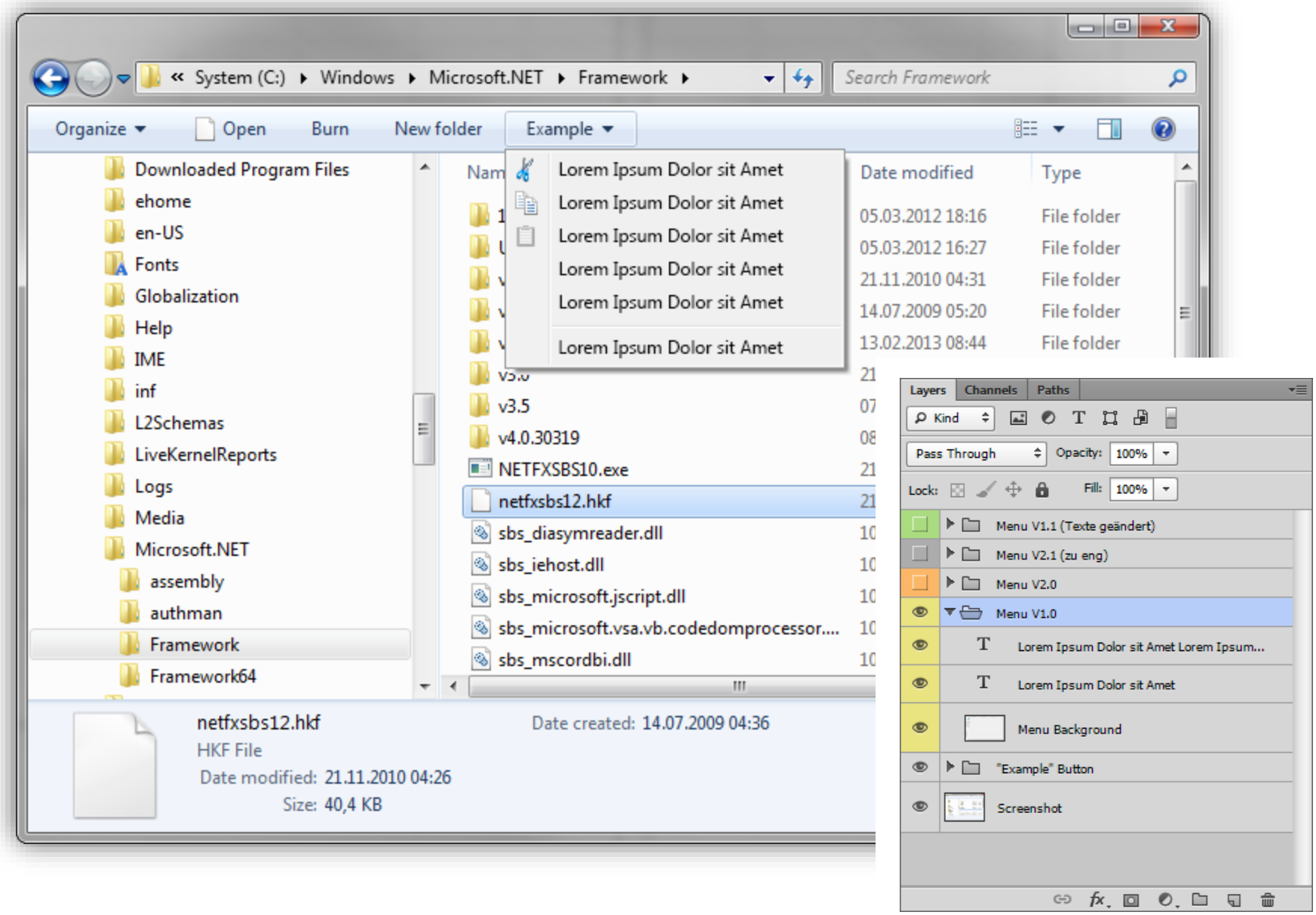
PowerPoint: Prototyp



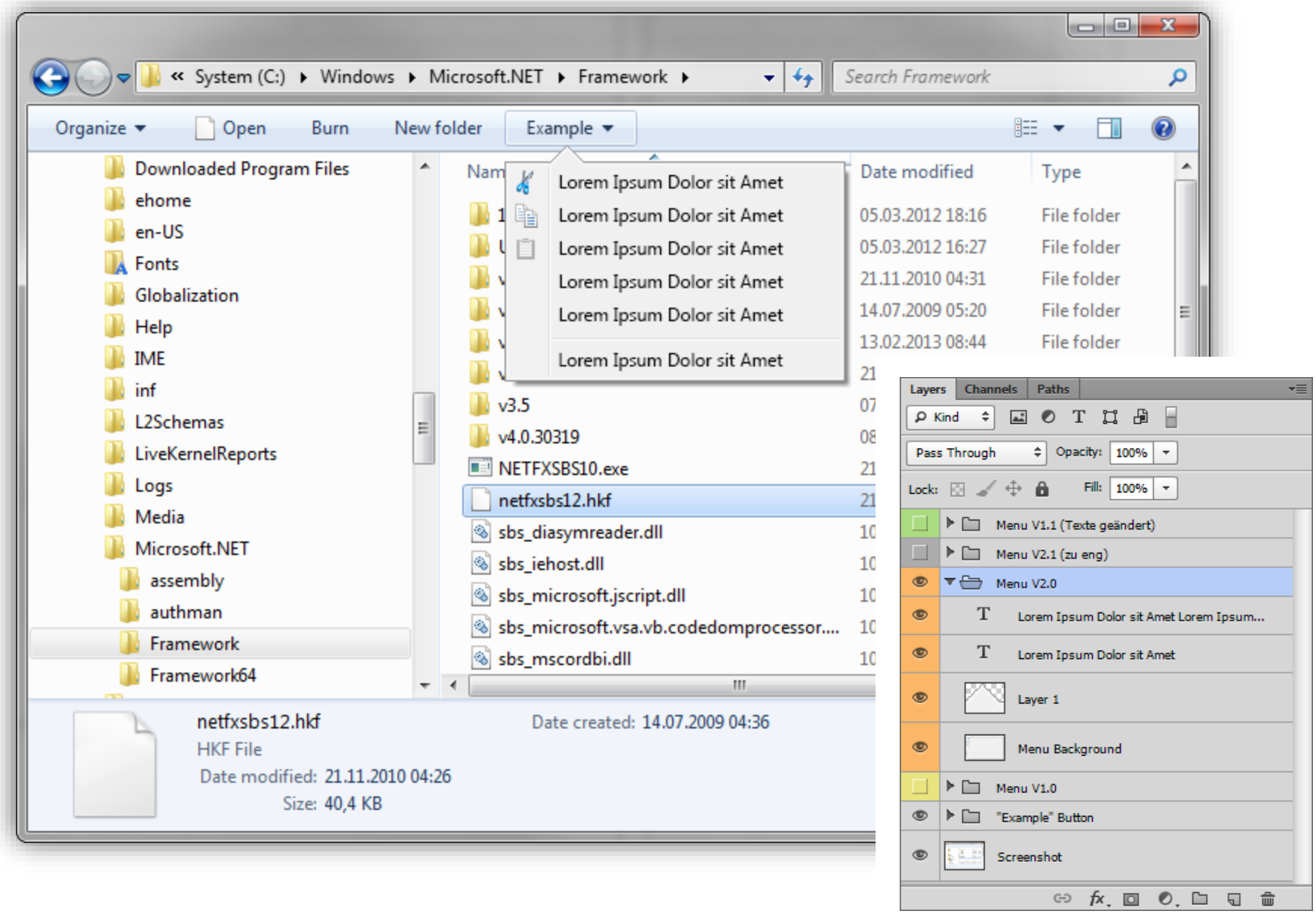
Photoshop


Ps
File Edit Image Layer Type Select Filter View Window Help
Segoe UI
Regular
12 px
Sharp
Essentials
Explorer in Photoshop.psd @ 100% (Menu V1.1 (Texte geändert), RGB/8) *
System (C:) ▸ Windows ▸ Microsoft.NET ▸ Framework ▸
Search Framework
Organize
Open
Burn
New folder
Example
Lorem Ipsum Dolor sit Amet
Lorem Ipsum Dolor sit Amet
Lorem Ipsum Dolor sit Amet
Lorem Ipsum Dolor sit Amet
Lorem Ipsum Dolor sit Amet
Lorem Ipsum Dolor sit Amet
Downloaded Program Files
ehome
en-US
Fonts
Globalization
Help
IME
inf
L2Schemas
LiveKernelReports
Logs
Media
Microsoft.NET
assembly
authman
Framework
Framework64
Date modified
Type
05.03.2012 18:16 File folder
05.03.2012 16:27 File folder
21.11.2010 04:31 File folder
14.07.2009 05:20 File folder
13.02.2013 08:44 File folder
21.11.2010 07:24 File folder
v3.5 07.02.2013 08:45 File folder
v4.0.30319 08.04.2013 09:05 File folder
NETFXSBS10.exe 21.11.2010 04:23 Application
netfxsbs12.hkf 21.11.2010 04:26 HKF File
sbs_diasymreader.dll 10.06.2009 23:22 Application exte
sbs_iehost.dll 10.06.2009 23:22 Application exte
sbs_microsoft.jscript.dll 10.06.2009 23:22 Application exte
sbs_microsoft.vsa.vb.codedomprocessor.... 10.06.2009 23:22 Application exte
sbs_mscordbi.dll 10.06.2009 23:22 Application exte
netfxsbs12.hkf
HKF File
Date modified: 21.11.2010 04:26
Size: 40,4 KB
Date created: 14.07.2009 04:36
Color
R 245
G 245
B 245
Swatches
Adjustments
Info
Layer Comps
Layers
Channels
Paths
Kind
Pass Through
Opacity: 100%
Menu V1.1 (Texte geändert)
Menu V2.1 (zu eng)
Menu V2.0
Menu V1.0
"Example" Button
Screenshot
100%
Doc: 1,25M/23,0M

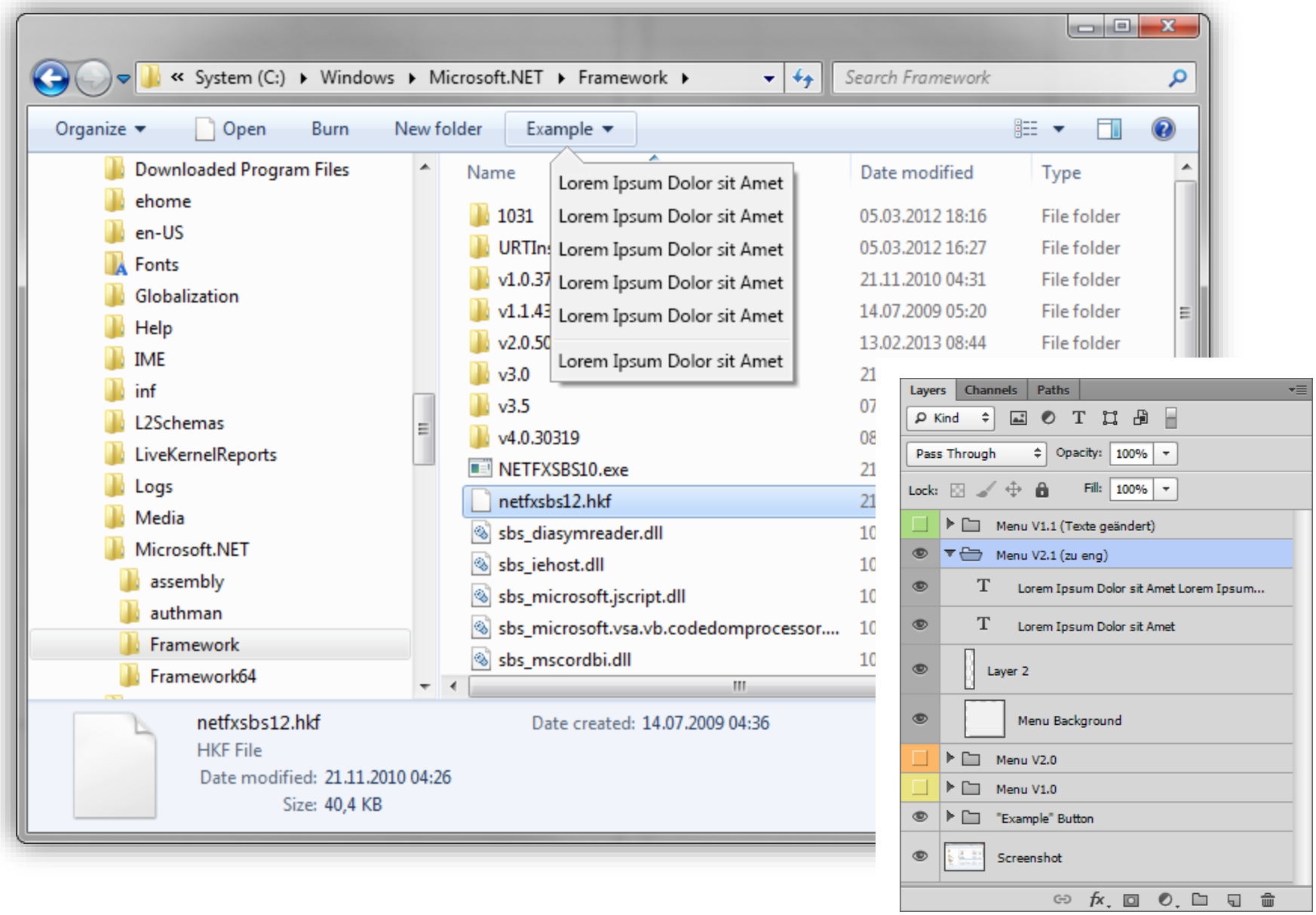
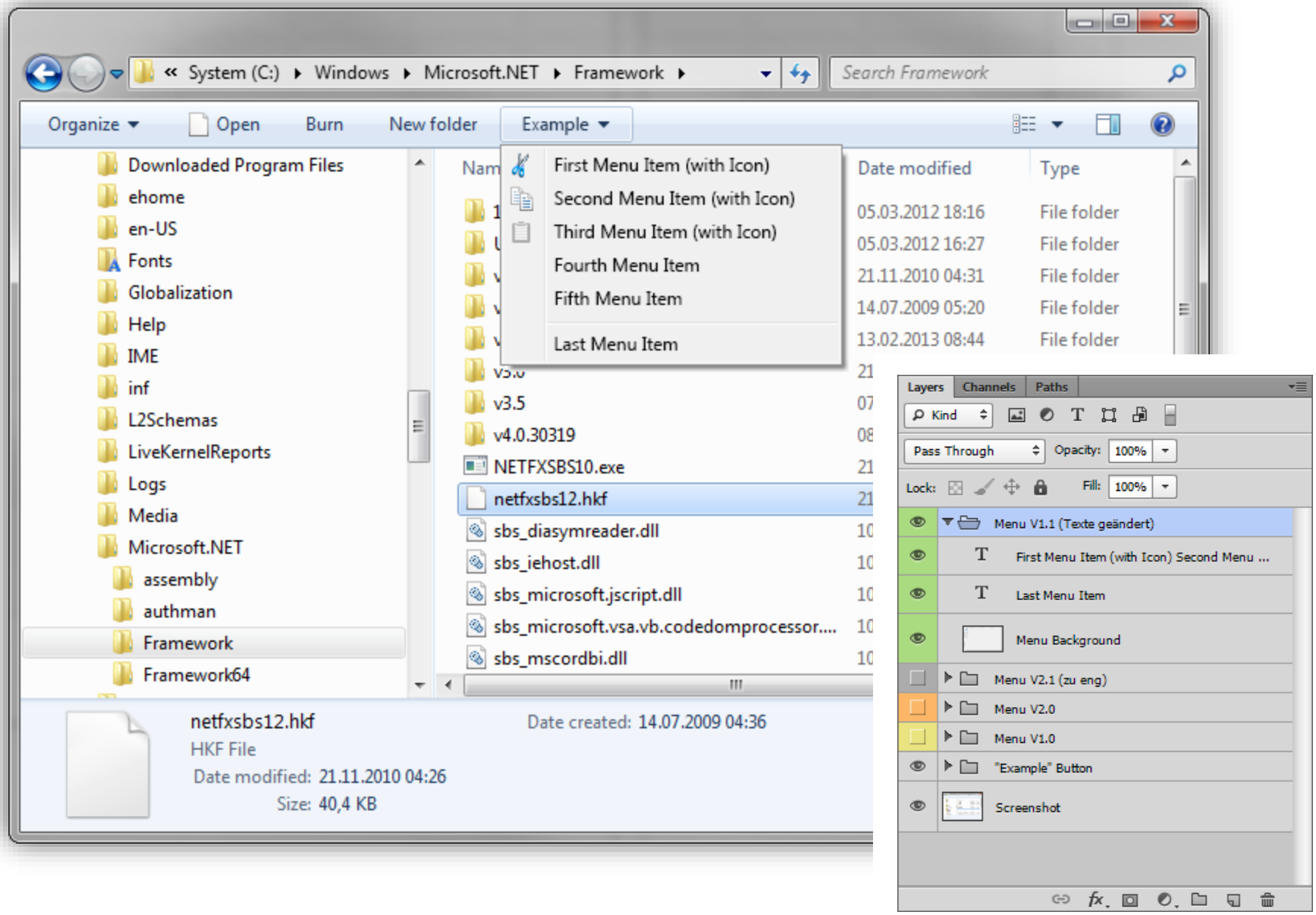
Photoshop: Mockup



Photoshop: Mockup



Photoshop: Mockup



Photoshop: Mockup