Bildbearbeitung mit freier Software
Photo Processing with free Software

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Novell.

Bearbeitung historischer Stadtkarten mit GIMP
Processing of Historic Maps with GIMP

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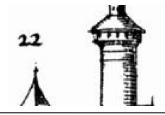
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Overview

- What is GIMP?
    - How complex is it?
    - What can it do easily?

- Focus on 16th century
    - Maps and drawings from the internet
    - Repairing quality loss
    - One good print from multiple sources

- Extra goodies
    - Make a perspective photo flat
    - Make a flat image appear 3-dimensional

What is GIMP?

- A pixel-based image editor
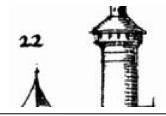 - Almost all graphic file formats
  - It works in layers

- Best features
  - Undo!
  - Copy & Paste
  - Brushes & Colors are easy

Toolbox

Paintbrush

Mode: Normal

Opacity: 100.0

Brush: Circle (11)

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Historic Material

- Task
  - Illustrate an story that plays 1528 in Nürnberg

- Photos of an object in a glass cabinet
  - Selection criteria?
    - Megapixel, focus, perspective, illumination, framing

- Different scans of one drawing
  - Selection criteria?
    - Size, sharpness, framing

A flat Citymap from a 3D-Model

- We have:
  - A photo taken in a museum, showing
  - a wooden modell dated 1540, useful
  - for screen view only, available as PDF.

- We want:
  - Streetmap without perspective distortions.
  - No wooden frame, not that dark.
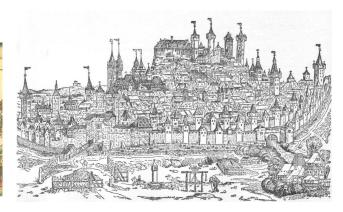 - Forged date stamp to fit into a 1528 story.

Task 1

GIMP it!

Task 2: High Quality City Prospect

- Available material:

- Expected result:
  - One print that shows it all - in best possible quality

Task 2

GIMP it!

There is more …

- *Read a good book on GIMP*

- *Play with it, GIMP is robust and forgiving.*

- *Have Fun!*

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