Explorative Analysis and Visualization of Large Information Spaces

1 Background

- All known detail-in-context techniques introduce anisotropic compression.
- This is problematic for very small details in very large contexts.

2 Method

- Analytic complex mappings leave details in an image undistorted.
- The Complex Logarithm magnifies parts of the plane very strongly.

3 Applications

- Single classes in complex software packages
- Individual houses in the context of continents

4 Cooperations

- With Prof. Harald Reiterers Group in Konstanz and Bernd Lintermann at the ZKM in Karlsruhe. Resulted in the interactive Installation “Globorama”.
- With Prof. Ulrik Brandes Group in Konstanz. Developed methods for interactive annotation of metro-maps.

Selected Publications