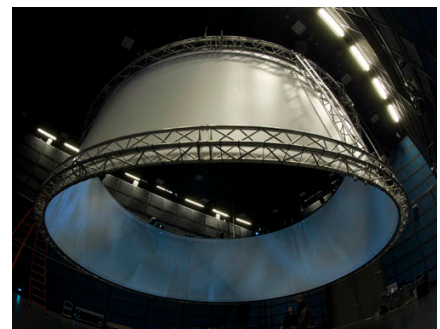


<b>Projekt</b>	<b>CloudBrowsing</b> Semantic Panoramic Web Browser
<b>Format</b>	Interactive Installation for browsing arbitrary websites
<b>Leistung</b>	Idea Audio Project Direction Audio Development Audio Rendering Software Sounddesign
<b>Display</b>	Shown at PanoramaLabor ZKM Karlsruhe, 30.04.09 - 30.10.09
<b>Installation</b>	The mobile version of CloudBrowsing is easily shipped and set up. The installation integrates well with environments of nearly all sizes. Please call for availability and pricing.
<b>Info</b>	<a href="http://www.dataphonic.de">www.dataphonic.de</a>

## Concept

CloudBrowsing radically extends the plain-vanilla web browser window to a large three-dimensional cylinder. On its surface all pieces of information found gradually pile up and step by step form a multi-layered audiovisual mosaic. The relationships between the topics displayed are rendered both aurally and visually.

In addition, CloudBrowsing offers information semantically related to the current topic. All pieces of information cluster like raindrops, forming clouds. Browsing the web creates a huge audio-visual landscape that makes the web's enormous scale palpable to feeling as to sight.



## Composition

The music displays the current information layout by means of patterns. These originate from three synchronous sonic layers.

New information is presented in the frontmost layer, the foreground. Each visual icon is associated its individual musician playing a part. Six musicians make up an ensemble, together performing a musical miniature. All of the 60+ miniatures are musically compatible.

From the foreground an ensemble fades into the mid-ground after some time. It stays until its successor takes over and fades into the dynamically shimmering background. There the orchestra of 400 active musicians continuously creates new secretly whispering patterns emerging from the sheer mass of their instruments.

When hovering over visual icons with the cursor, the associated musicians step up to the mid-ground. In an instant they make up an ad-hoc ensemble, playing new sonic patterns.

Each ensemble's musical style is determined depending on its relationship to the previous search. Structured this way, the path thru the information becomes easily audible.



## Interaction

A handy little touch screen lets the user easily navigate. He can comfortably click his way thru the web, leaf thru his search history, or initiate his or her own search queries. In addition, a selection of related themes is displayed next to the main topic, hinting at unexpected connections and relationships.

## Credits

Bernd Lintermann, Torsten Belschner, Werner A. König, Mahsa Jenabi - Authors

dataphonic - Audio concept, Audio software, Audio design

Bernd Lintermann - Visual concept and Panoramic software

Mahsa Jenabi, Markus Nitsche, Werner A. König - Interaction concept and Realization

Matthias Gommel - Interface Design

ZKM Institut for Visual Media in cooperation with AG Human-Computer Interaction, University of Konstanz - Production

Manfred Hauffen, Jan Gerigk, Petra Kaiser, Nikolaus Völzow, Arne Gräßer, Joachim Tesch - Production and Technical Realization

Sponsored by BW-FIT and DFG GK-1042 "Explorative analysis and visualization of large data spaces".

Fotos, Video coming soon.

