

The Project at a Glance:

Part of History Museum Köthen, Adventure World of Germany is located at Germany's famous Köthen Castle and is divided into four sections:

- The history of the German language
- The time of the Fruitbearing Society on Köthen court
- Word games and word formation
- The German language in the 21st century

Goal and Challenge:

- Complete a 2,000-square-foot interactive exhibit in just 3 ½ weeks.

Solution:

- Cincom® VisualWorks®

Results:

- Exhibition opened on time.

"Cincom Smalltalk's ability to create innovative, intuitive, modern-looking user interfaces was used to visualize historical data in the showcase archives and libraries."

"The ease, flexibility and productivity of Cincom Smalltalk™ made this exhibition possible within the 'insanely' short time frame."

– Georg Heeg



Profile in Success: **Georg Heeg eK**

Making Adventure World of Germany a Reality



Georg Heeg and his team (Photo: Mitteldutsche Zeitung/Heiko Rebsch)

Customer Description

For more than 25 years, German firm, Georg Heeg eK, has developed software solutions for worldwide companies spanning all industries. As a premiere partner for Cincom, the company provides consulting, project management, training and support services for all things Smalltalk.

They Said It Couldn't Be Done

When the opportunity arose to create an interactive, museum-quality exhibit at the iconic Köthen Castle showcasing the extensive history of the German language, Georg Heeg and his team jumped at the chance. The only catch? It had to open in 3 1/2 weeks.

People said it couldn't be done in such a short time frame. Local news reports and others called it "crazy" to even try. However, thanks to the dedicated staff of Georg Heeg eK and the capabilities of Cincom VisualWorks (part of the Cincom Smalltalk product suite), the exhibition was ready on time and opened to rave reviews!

In Adventure World, there are three 42-inch touch displays. They all have the same layout, yet they all have different content. The visitor simply sees a big space with contents, and on the right, there are a few buttons. Each button represents a different application, and the topmost button is always the introduction/welcome to the specific station.

These introductions were created as PowerPoint presentations that were converted into HTML 5 using iSpring converter. These files are shown using Internet Explorer 10 embedded in a subcanvas using ActiveX.



Visit Adventure World Germany online at: erlebniswelt-deutsche-sprache.de/

The Accomplishments

In putting together this exhibition, there were several significant accomplishments that were brought about due to the capabilities of Smalltalk.

Other applications access the web or are local Smalltalk apps using a local image of seaBreeze, which is a fully integrated Smalltalk web application server with an HTML editor inside the web browser. The most interesting app communicates with the internet, takes the information it gets from various places and compiles a new web page with the selected and collected information so that there is a common look and feel for all content.



267 books are available to browse on 15 pages like this one. Filtering and sorting options are given.

Smalltalk has long been used for scheduling applications as seen with applications for the shipping industry (OOCL), American Express' call center, Deutsche Bahn, Northrop Grumman's MES manufacturing application for building aircraft and so much more. Therefore, in the cinema room, a Smalltalk application controls the videos being shown, including determining which videos are shown and when. A Smalltalk application also dims the lights before the videos start and turns the lights back on when the videos have ended—just as in a normal cinema.

The ease, flexibility and productivity of Cincom Smalltalk made other things possible such as complete gesture control and an uncomplicated way to switch on the systems in the morning and switch them off at night. These operations had to be so simple that any authorized personnel would be capable of performing the actions needed. Therefore, the team conducted micro training for a variety of personnel and successfully deployed the auto-start/auto-shutdown of the Smalltalk applications with the power-on/power-off of the hardware.

Not So Crazy after All

According to Georg Heeg, "This was a fun project that exhibited excellent collaboration between the teams. Thanks to Cincom Smalltalk we were able to make Adventure World Germany a reality!"

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