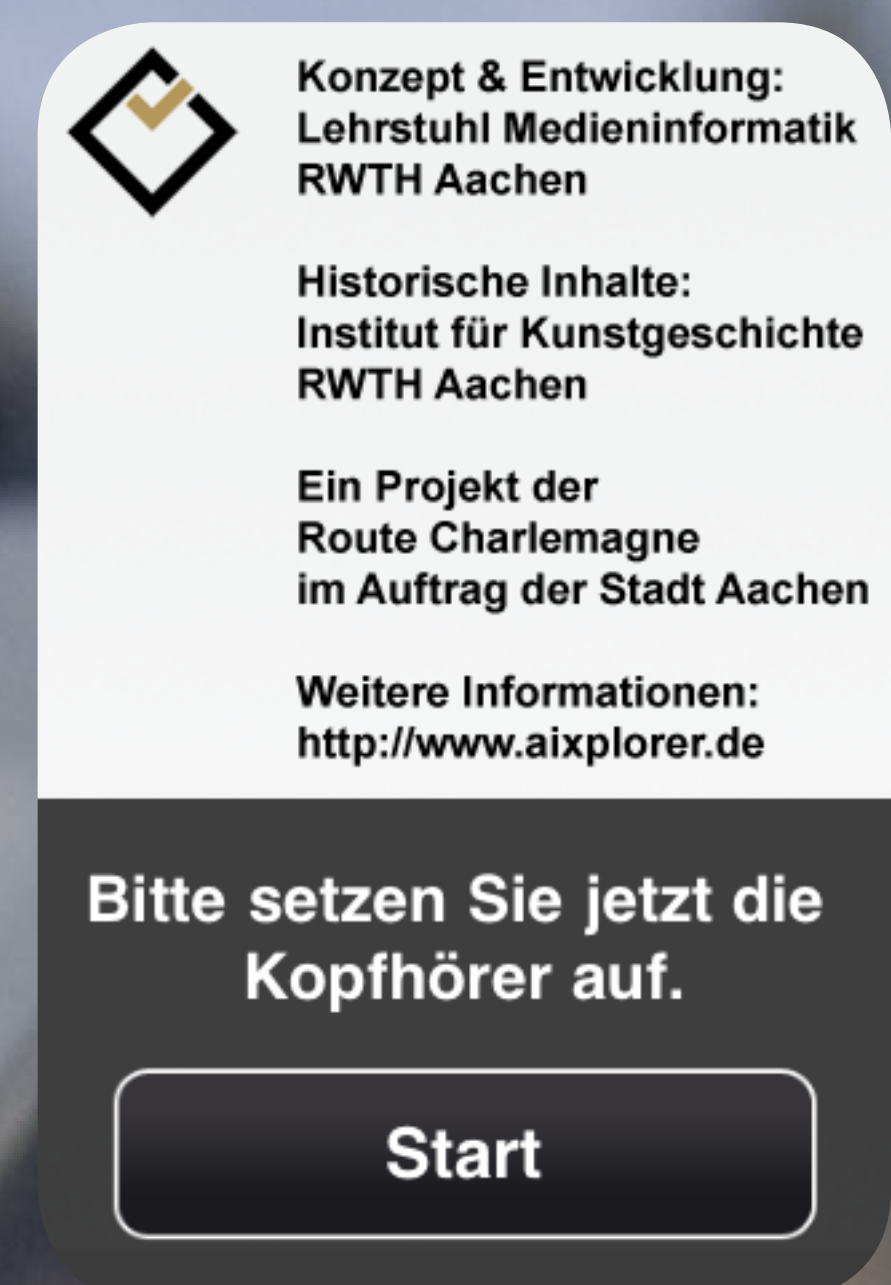
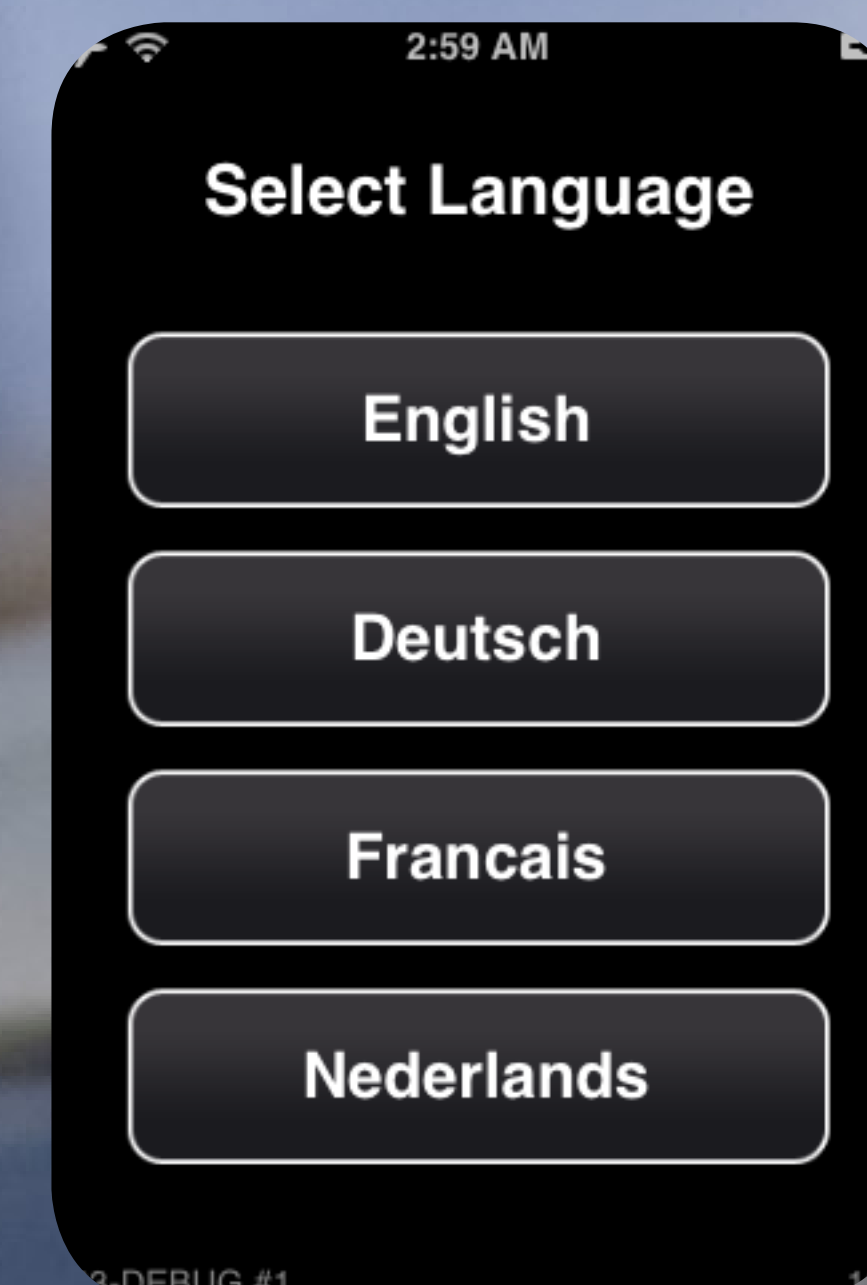


# Aixplorer

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## What it is

Aixplorer is a mobile guide to the Route Charlemagne – Aachen’s new tourist concept. It is a mobile audio and multimedia tour guide that will help you explore the city and its rich cultural and historical heritage.

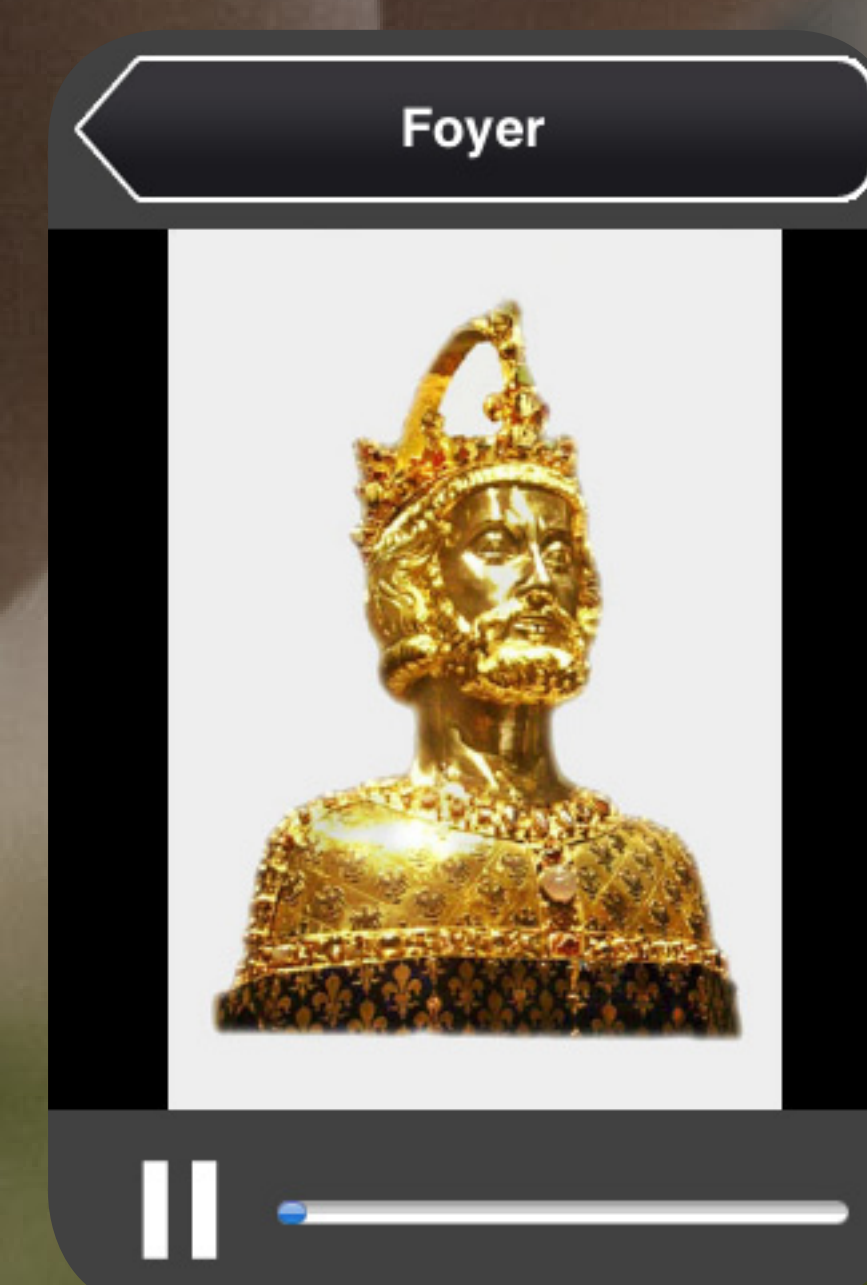


## Three kinds of tracking

Aixplorer is the first tour guide system to combine three types of location awareness: from general outdoor tracking like a GPS, to room-accurate indoor tracking using wireless technology, e.g., on the ground floor of the City Hall, to continuous high-precision location tracking in the upstairs coronation hall audio virtual reality experience. You move between these three tracking mechanisms in a seamless experience, without noticing the switchovers.

## Real world system

The first version of Aixplorer was launched in Summer 2009 and focuses on the Aachen City Hall (“Rathaus”). When you enter the City Hall, the system tracks which room you are currently in. For each room, Aixplorer displays a set of audio/video narratives that provide information about the room and its interior. Some tracks are feature clips with interesting stories and anecdotes from the hall’s long history.



## What is to come

In a few years, Aixplorer will be able to lead you through the entire inner city of Aachen in an intelligent way, providing information on current events, optimizing your route to avoid wait times at locations, helping you to find your travel companions, and adding other innovative features coming out of research conducted at RWTH Aachen University.