Reliving Museum Visiting Experiences
on-and-off the Spot

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(GUI tool for reliving experiences
content made from actual activity logs
with a Desktop PC
▼ enhances learning experiences through “corporeality”
with a Mobile MR system
▼ a tool for behavioral analysis
▼ gives a sensation of realism when users observe visitors’ activities on the spot)

Evaluation
1. Video data that record past visitors’ activities are very important clues that enable their activities to be followed on the spot.
2. The visualized position on the 3-D map was useful to regain the correspondence.
3. Normal slider is difficult to use for controlling time in the long duration

Hardware configuration

Software configuration

A participant using Hand-held type system
A participant using HMD type system
A support staff
A participant

Science Museum Navigation

Making Content

SQL Data Base

Relive

3-D Visualization Area

Database Query Controller

Data Presentation Controller

Web browser

Media Player

Mouse Event

Mouse Hook Module

Windows

Google Earth

GEController

KML files

ViewRanger

Battery

Self-contained Sensors

Tablet PC

Belt bag

RFID tag

KMZ files

KMZ files

KMZ files

KMZ files

KML files

MySQL

Database Query GUIs

Visualize Data Control GUIs

Web browser

Script Text

Description of Exhibit

Interview Video

Screenshot of reliving system

http://itri.aist.go.jp/rwig/ari/