

(215) KIVI

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KIVI system is a prototype designed by the CNRS (Marseille ,France) in order to provide an immersive visualization of highly valuable cultural heritage 3D models from the database, using a mobile phone and an headset.

The project concerns the development of dissemination strategies for cultural heritage, by providing an adaptive and accessible system for immersive visualization of 3D database contents. The originality of our approach particularly concerns the handsfree paradigm for data crawling and manipulating the digital 3D models. Concretely, this results in the development of our opensource kit, KIVI, which contains a hardware part (low-cost and “universal” VR mount for smartphones), and a software part (online platform, easy to deploy and ready to use, without installation nor plugin, including all needed immersive visualization and manipulation functionalities).

For Digital Heritage Exhibit 2015 some prototypes of KIVI equipped with smartphones are available, which will allow visitors to test the KIVI kit, associated with a three-dimensional models database.

