What is “Virtual Heritage” and Why Does It Matter?

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What Is Virtual Heritage?

• Definition:
  • Study of ways IT can be applied to the traditional fields of tangible heritage to promote the traditional goals of discovering, recording, restoring, analyzing, interpreting, and transmitting cultural heritage artifacts, monuments, sites.
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  • Create 3D digital replica of object of interest (“state model”)
  • Create hypothesis of restoration of the object (“restoration model”)
  • Put restoration model into a game engine for viewing on PC or AR/VR headset
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• Useful for:
  • Research
  • Education
  • Preservation
Research

• Example: Virtual Meridian of Augustus Project
Research

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Education and Preservation

• The Uffizi-IU 3D Digitization Project
Education and Preservation
THANK YOU!

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