Creating Personalized City Tours Using the CHIP Prototype

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Welcome to Amsterdam

Background
• CHIP stands for Cultural Heritage Information Personalization
• Prototype of a Personalized Museum Guide http://www.chip-project.org/demo
• Based on semantically enriched collection data of the Rijksmuseum

Research project
• Collaboration between two departments of TU/e: Mathematics and Computer Science & Built Environment
• Application of CHIP software: from Museum to City & Museum
• World Heritage (WH) city Amsterdam as case study http://www.chip-project.org/cityguide
• Prototype mobile PUP Sight Guide http://www.chip-project.org/cityguide/sightguide
• PUP stands for Protected Urban Planet http://www.protectedurbanplanet.net

Scenario 1 continued:
Following tour(s) prepared in advance (onsite)

Scenario 2:
Design tour(s) on the spot (onsite)

Future work
• Build ontology on (World) Heritage
• Calculate optimal route
• Adapt story content
• Give context based warnings
• Use visitor’s information from social sites
• Use PUP Sight Guide to collect data on WH
• Perform user studies

Acknowledgements
CHIP project team (2005-2009); CATCH NWO http://www.nwo.nl/catch; EIT ICT Labs http://www.eitictlabs.eu; Buitengewone Zaken Afdeling http://www.afdelingbuitengewonezaken.nl; Master students of the Department of the Built Environment, TU/e.