CDP // GOAT  
Topics Summer Semester 2020

Despite the constant increase in the use of a computer in architect offices, it is still widely unutilized in the early design stages. The biggest problem is not only the lack of appropriate Humane-Computer-Interfaces but also the limited possible use case scenarios. Furthermore, complex Software solutions and unfitting workflows restrict the creative process and hinder the design process. The goal of the Collaborative Design Platform // CDP is to bridge the gap between the established design tools utilized by architects and the digital tools.

The focus of GOAT is the exploration of the existing features of the Geo Open Accessibility Tool (GOAT) and their potential integration either as core features of the CDP Framework or as potential Plugin solutions. The tool offers a wide variety of ways to explore improvements to the accessibility of locations or the quality of walking and cycling paths through urban environments.

Contact  
Dr.-Ing. Gerhard Schubert  
Chair of Architectural Informatics  
schubert@tum.de  
089.289 22121

Ivan Bratoev M.Sc.  
Chair of Architectural Informatics  
ivan.bratoev@tum.de  
089.289 22175

Project Information  
http://cdp.ai.ar.tum.de