



Využití technologie Kinect v oblasti navigace tělesně postižených osob

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A close-up photograph of a person's eyes, which are light blue and looking directly at the camera. The eyes are framed by dark, well-defined eyelashes. The skin around the eyes is fair and smooth. The word "Úvod" is superimposed in white text in the center of the image.

Úvod

Nikola Tesla: „Veda je len perverzitou pokiaľ jej najvyšším cieľom nie je lepšie ľudstvo.“

Úvod



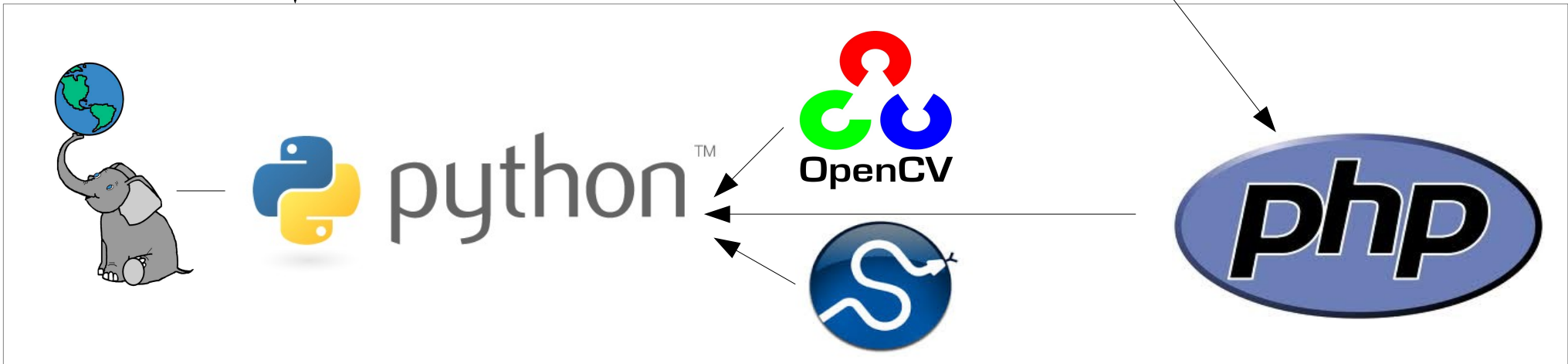
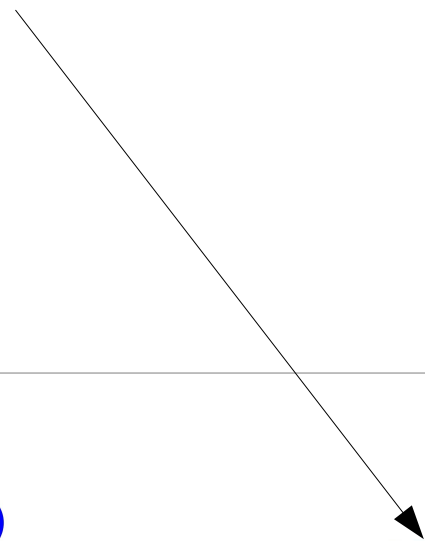
Čo ak dokážeme vyrobiť oči?

Kinect?



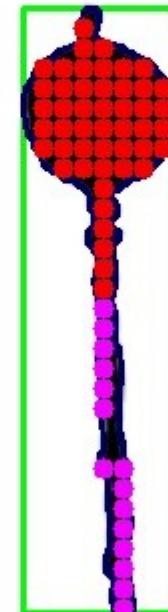
Ako to funguje?



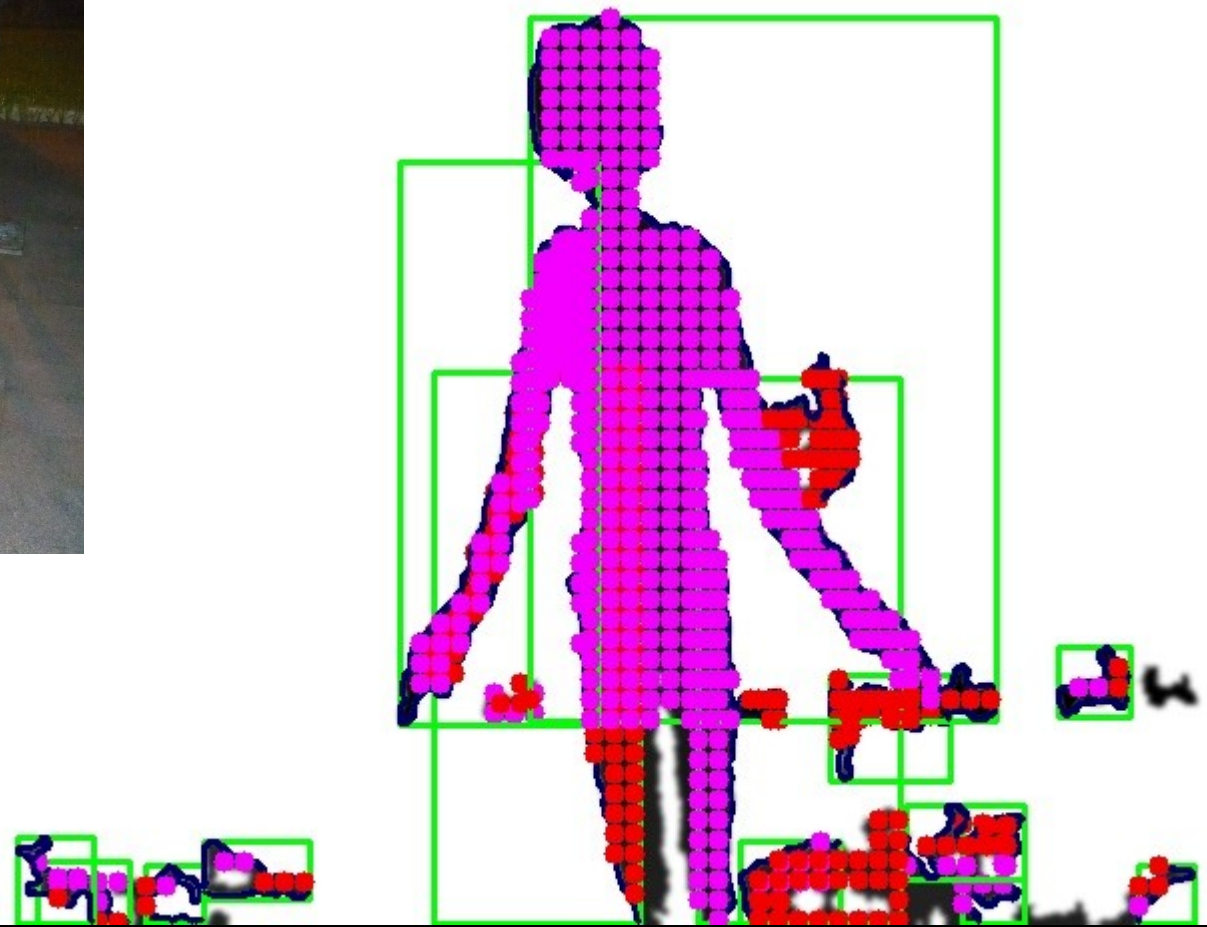


Our Solution

Identifikácia objektov



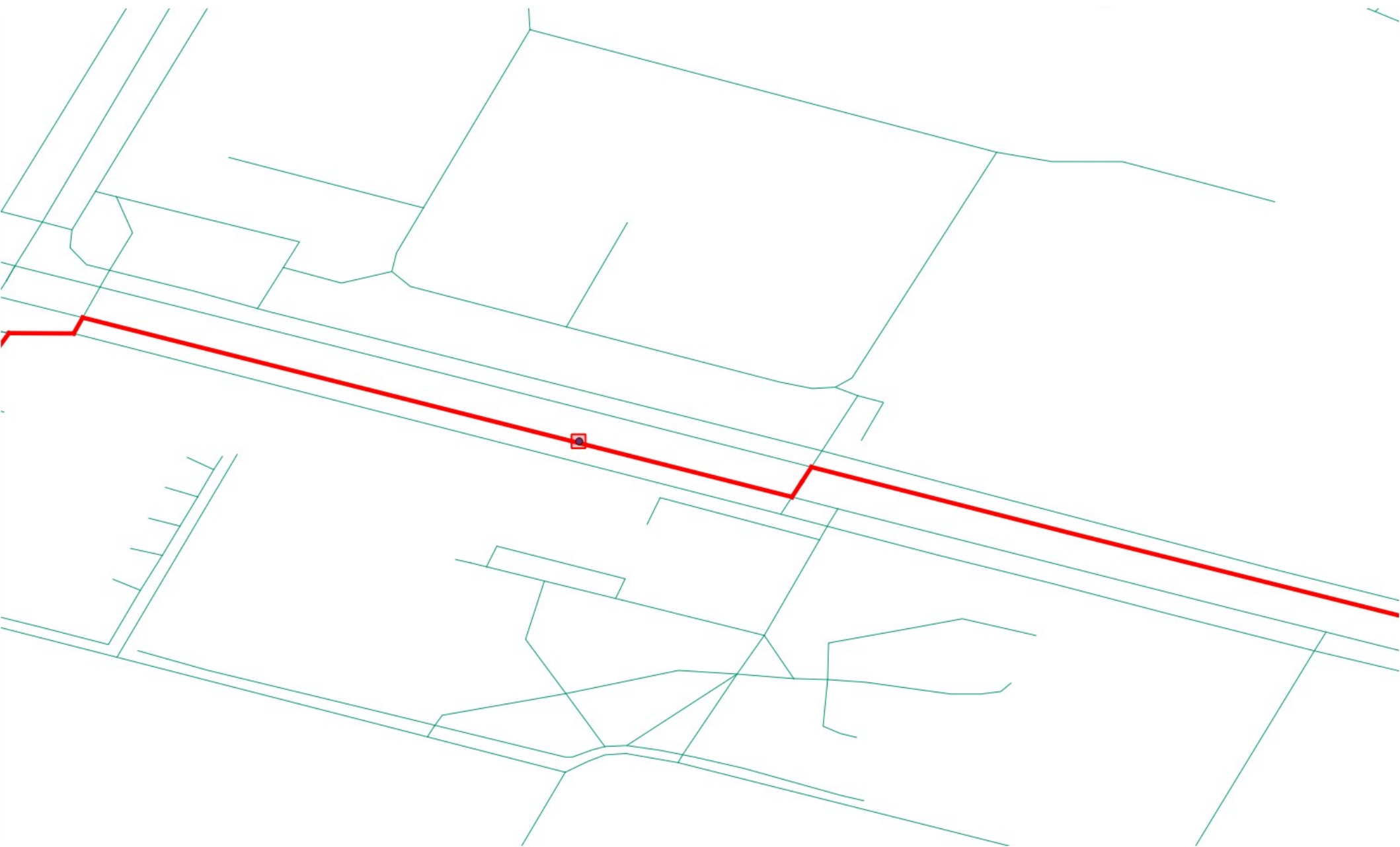
Identifikácia objektov



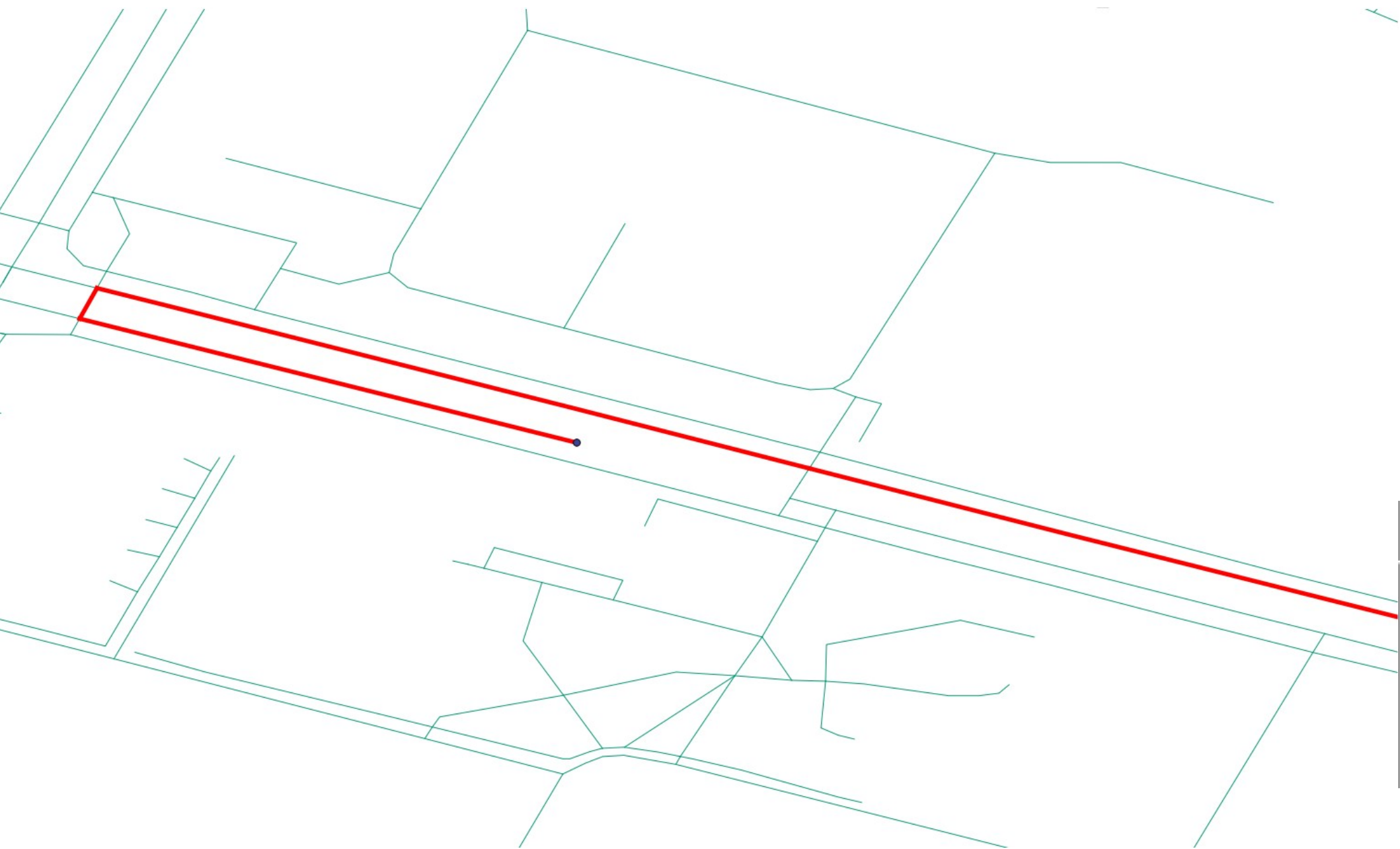
Navigácia



Navigácia - server



Navigácia - server



Navigácia – zvukový modul

Text to speech - Linux



Remote control



Ukážka

<https://www.youtube.com/watch?v=z0nRO8SnOh4>





Ďakujem za pozornosť