

Title: Eleven Years of Google Maps: Past! and Future?

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Contents: Google Maps, with its satellite image mapping technology and Street View technology, has completely changed the way of ordinary people using maps. It has become an indispensable tool in our daily lives. More than one billion people use Google Maps on a regular basis. However, Google Maps was not the first online mapping technology. Before Google Maps, MapQuest already dominated the online mapping market. We at the University of New Brunswick, Canada, also developed relevant technologies, which were later on directly or indirectly used by Google Maps. Why could Google Maps surpass the dominant player MapQuest in the past? Where will Google Maps go in the future? This presentation will (1) review the development milestones of Google Maps based on Google's report, (2) review our contributions to Google Maps, and (3) explore the future of Google Maps based on our current research and development. We developed a new online 3D mapping technology which is different than the state-of-the-art 3D mapping technologies. A live demo of our 3D technology will be provided at the end of the presentation.