



Dehradun Institute of Technology
Autonomous Institution of Uttarakhand Technical University
Department of Information Technology
Bachelor's in Technology (Information Technology)

DEVELOPMENT OF AUTOMATED GIS TOOLS ON VARIOUS PLATFORMS

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Bachelor's Thesis

May, 2016

Supervisors: Assistant Professor Kuntal Chowdhury, Dehradun Institute of Technology,
Umopathy Vivekandam, TomTom India Pvt. Ltd.,
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ABSTRACT OF BACHELOR'S THESIS

Title:	Development of automated GIS Tools on various platforms
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Course:	Bachelor's in technology (Information Technology)
Affiliations:	1. Uttarakhand Technical University 2. Dehradun Institute of Technology 3. TomTom India Pvt. Ltd.
Abstract:	<p>Map-making is a tedious process involving numerous processes both for expansion in new markets as well as keeping the existing map up to date. The world is changing every second and to keep the map updating at the same pace requires a set of well-tailored software and scripts promoting automation.</p> <p>The thesis explores current processes involved at different stages in map-making in various departments at TomTom and finding plausible settings where further automation can be done, facilitating the goal of real-time maps. A thorough study of the current processes is done, and various independent scripts are proposed and developed. Majorly, the suggested scripts are part of the tool used by surveyors across the globe to create new incidents, solve and verify the incidents with an aim to efficiently create and update the map data.</p>
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***Note:** Thesis is hidden because of the proprietary work of TomTom.*