SAN DIEGO STATE UNIVERSITY
Leadership Starts Here

SDSU
presents
a thesis defense for
Master of Science
degree in
Computer Science

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12:00pm
GMCS 405

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DBF Editor

Abstract

The aim of this thesis is to showcase a robust and intuitive tool to help in the editing of DBF files. One of the motivations for the creation of this tool was to provide a quick and efficient way to update a DBF file so that the data can be up to date with recent developments.

This theory is based around making a tool used preferably as a GIS tool to pick any DBF file and quickly modify it according to their needs and save the result as a new file or overwrite the existing one. This tool is built using Java Swing and presents a simple, easy to read, easy to navigate User Interface. Both the old and the modified versions of the DBF file are shown so that users can see all the changes they have done to the original file.

The application also has features to show all of the changes made to the file, like the addition of a row or column. This has been implemented using various coloring features provided by Java Swing, making it easier to use and understand.

Thesis Committee

Carl Eckberg, Thesis Chair, Department of Computer Science
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Carmelo Interlando, Department of Mathematics & Statistics