

Drillhole Import Tool

Proposal for Colorado School of Mines EECS Field Session, Summer 2013

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Introduction

Newmont Mining Corporation receives drilling information in a number of formats and geologists spend a large portion of time reformatting and manipulating data into a standard format. This project will require the students to create a tool that will automatically import data from a number of different file formats (SQL, Access, ASCII Text) and present them in a standard format the Newmont's in house mine planning software understands.

Objectives

1. Develop a drillhole importer that can access data from SQL Server, Microsoft Access, and standard ASCII files.
2. Manipulate the data imported into a data structure suitable for storage in Newmont's DHL file format.
3. Save the imported data in Newmont's DHL file format.

Requirements

1. Understanding of databases and database-like file formats
2. Understanding of the Microsoft application programming stack (Visual Studio, .NET, C#, C++)
3. Strong communication skills, familiarity with Agile practices.

Work Environment

The work environment and location are flexible, but would anticipate a number of face-to-face meetings along with frequent electronic communication as a minimum.