

Maptek-a-thon

Sourced by Will Reid from Maptek



About Maptek

Maptek provides the world mining industry with innovative, high quality solutions for the business critical technical challenges that operations face every day. Maptek make the most widely used, advanced and successful products in the industry, and that is all we do.

Maptek products span mining types and commodities, providing the link between the geological, spatial design, execution and measurement details of a mining operation and the business outcomes and profitability of our customers.

Maptek strive to build collaborative and productive relationships with their users. Maptek work to develop and deliver innovative, technically robust solutions to meet their needs.

You can learn more about Maptek by visiting their website at <https://www.maptek.com/>

Project Overview

Maptek, based in Adelaide, takes pride in hiring locally, including software and Computer Science graduates. In efforts to promote to prospective graduates, Maptek would like to be able to share open-ended problems relative to their domain. Maptek software deployments deal with large volumes of data often requiring off-loading the data and compute to the cloud. The performance of a highly used functions in the Maptek framework is critical to providing a high quality service to their clients.

This app is inspired by [CodingBat](#) and [TopCoder](#) in the form of a virtual Hackathon. Maptek would like to be able to post input and output data and allow for programmers to submit solutions that are the most performant. The submissions would then be automatically ranked and displayed on a leaderboard. Maptek developers primarily program in Java, C++ and C#, however the platform is expected to be extensible to accept submissions of other languages.

Intellectual Property

This project is intended to be open sourced under the [MIT](#) licence for all parties to share and use.