

Test Plan

Zerg Mining Expedition

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Test Plan, Mining

The program is designed to be an API which will help a developer in coding an actual program. This API will consist of Zerg overlords and Zerg Drones. The overlords will send drones out upon mining expeditions to collect and bring back minerals that the Zerg race need to survive. As these drones are deployed and explore the map they will suggest a route that is the best path to the minerals according to the drone's current knowledge of the map.

Instructor provided Files

- **/timeout.py**
Defines functions needed for a program timeout.
- **/map.py**
defines location, map, mineral context, and drone context classes.
- **/begin_mining_expedition.py**
attempts to run a mining expedition w/ data types needed.
- **/sample_classes.py**
defines dashboard, Drone and Overlord classes.
- **/maps**
contains test maps.

Sample Files

- **None yet listed**

TC1:Installation

1. *git clone git@git.umbc.tc:tdqc/tdqc12/carroll/mining.git*
2. *cd mining*

Expected:mining directory is created

prerequisites: In mining directory

TC2:Correct Branch

1. *git branch*

Expected:main is default branch

Common Test Cases