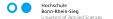
General Code Skeleton

- The code is divided into two classes namely
 - Repository
 - Safety monitors
- Repository is the central component in the architecture. It contains knowledge for deployment.
- The safety monitors are detected and transfers information to other components for deployment.
- It also notifies about the changes in repository to all other components in the system.
- Safety Monitor class perform selection of the safety monitor followed by finding the suitable platform and deploying them.





- It contains get-acceptable-platform() which returns platform that satisfy the given requirements by means of Constraint Satisfaction Problem (CSP).
- CSP is implemented using MiniZinc(mzn) library python based.
- The requirements are formulated into suitable constraints and platforms that satisfy the given constraints will be selected.
- Finally the safety monitor will be deployed in the selected platform using deploy().
- Code GitHub

