

## Specifications: InputUtilities

InputUtilities is a utility class for reading .trn files. In addition to the obvious specifications illustrated in the UML class diagram, the InputUtilities class must satisfy the following specifications.

1. The readGradeHistory() method must return a History object that contains information about the course grades that can be read using the BufferedReader named in.
  - 1.1. The label of the History must be the parameter named resultLabel.
  - 1.2. The Filter for the History must be the parameter named filter.
  - 1.3. The Calculator of the History must be the parameter named calculator.
2. The readCohort() method must return a Cohort object that contains the History objects read using the non-null elements of the parameter named in.
  - 2.1. The label of each History object must be "GPA".
  - 2.2. The filter of each History object must be the parameter named filter.
  - 2.3. The calculator of each History object must be the parameter named calculator.
  - 2.4. The label of the Cohort itself must be the parameter named resultLabel.