Coursebin API (/api/v1/)

* /courses
  + get
    - get\_course (/:courseId): returns the course name, number, year, semester, professor name, and school associated with the course.
    - search\_corse(/number/: number/school/:school/year/:year/semester/:semester): returns all courses that match the results. If you don’t want to use one of the search fields, put ‘none’ in its place.
  + post - protected
    - add\_course (/): body contains the fields number, name, year, semester, professor, and schoolCode.
  + put – protected (admin)
    - modify\_course (/): body contains the fields number, name, year, semester, professor, and schoolCode with the updated values and id with the course id to update.
  + delete – protected (admin)
    - delete\_course (/:courseId): the course is deleted
* /rate
  + get
    - get\_submission\_rating (/submission/:submissionId): returns the overall rating of the submission
    - get content\_rating(/content/:contentUrl): returns the rating of the piece of content
    - rate\_content (protected) (/content/:contentUrl/submission/:submissionId/rating/:ratingVal): rating values are as follows: 1 => half star, 2 => 1 star, 3 => 1 ½ star, … and so on. The maximum rating is 10.
* /search
  + get
    - search\_for\_submission (/course/:courseNum/school/:schoolCode/time/:semester/:year/user/:username/professor/:professor/order/:orderType): searches for submissions bases on four possible parameters. If you don’t want to use the parameter, send “none” for its value. Will return a list of submission ID’s. orderType should be “date” or “rating”.
* /submissions
  + get
    - get\_submission (/:submissionId): returns the description, date\_created, username of creator, course id, and a list of content urls associated with the submission id.
  + post – protected
    - add\_submission(/course/:courseId): body contains description, username, course\_id, and the files to upload.
  + put – protected
    - modify\_submission(/:submissionId): body contains the updated fields of the submission.
  + delete – protected
    - delete\_submission(:/submissionId): deletes the submission.
* /users
  + get
    - get\_user\_info (:/username): returns the username, the urls of submissions associated with the user, names of courses the user has taken, and schools the user has attended.
  + post
    - add\_user (/): body contains the username and password of the new user.
    - login(/login): body contain the username and password of the existing user. An authentication token is passed back upon success.
  + put – protected
    - update\_username (/update/:oldUsername/:newUsername): changes the username of the user.
  + delete – protected (admin)
    - delete\_user(/:username): the username of the account to delete.
* /upload
  + post
    - upload(/submission/:submissionId): the requent must be encoded as “multipart/form-data”. Each file will be permanently stored on the server disk. Make sure the key is “file”.
* /download
  + get
    - getContent(/:contentLocation): the content location is its url. The file is downloaded to the client.
* /schools
  + get
    - getAllInfo(/all): returns all information about every school.
    - getNames(/names): returns just the name and id for each school