

## API

All methods, except Login, returns 401 status code, if token wasn't provided

- (POST) login/  
**user:** { username: string, password: string }  
**returns:** status code 401 if credentials are not valid, else status\_code 200
- (GET) core\_sample/  
**returns:** array of { csId: string, csName: string, date: date-string, status: string }. *Status* could be one of "analysed, inProcess, notAnalysed, error". Returns only that core samples, which was uploaded by user.
- (POST) core\_sample/upload/  
**file:** a zip-archive with special structure. Must contain description.json with fields "deposit": integer, "hole": integer, "fragments": array of { "dllmg": string, "uvlmg": string, "top": float, "bottom": float }. Each "dllmg" and "uvlmg" are references to .jpg images in the archive. Archive should not contain images, which are not referenced in description.json.  
**returns:** status code 400, if structure or content of archive are not valid, else status code 200 and { warnings: [string], csId: string }
- (PUT) core\_sample/analyse/{csId}  
**csId:** string  
**returns:** status code 200 if **csId** references on core sample, which was not analysed. Else status code 400.
- (GET) core\_sample/status  
**csIds:** array of csId: string  
**returns:** status code 200, if all ids are valid and array of status: string, else status code 400.