

# 1 Design

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## 1.1 Initial Implementation

My overall idea for an initial design involves using the struct in the ar.h file, to store all information about the archive, and then information on each archived file below it, following the specifications listed in ar.h.

### 1.1.1 Archiving

First write information about the files, to the file descriptor of the archive. Store this first. Next, follow the same steps on each file provided in the arguments, by saving the file descriptor information, then the content directly afterwards.

### 1.1.2 Extraction

Read the information about the archive file, then begin extraction on the first file stored inside, and so on.

## 1.2 Deviations

Deviations from initial design...

## 2 Work Log

Git log...

### 3 Challenges

- Challenge 1...
- Challenge 2...

## 4 Questions

1. What do you think the main point of this assignment is?

Answer

2. How did you ensure your assignment was correct? Testing details, for instance.

Thorough answer.

3. What did you learn?

Answer