

Alice



api_1

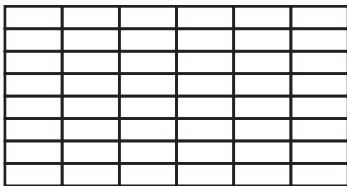


Server

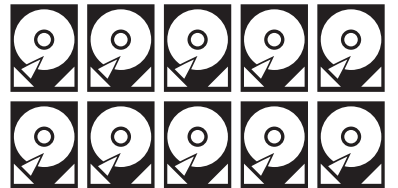
api_4

api_2

Database



Storage



api_3



Workers

api_1

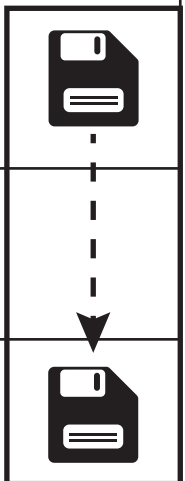


r package

```
initJob() {  
  copy template folder to $getwd()  
  open params.R & main.R  
}  
prepJob() {  
  package job files  
  move to client folder  
}
```

client

Probe client folder
Test with testparams (RAM & time)
Create payload (files & jobinfo)
Send to server



Server



Receive payload
Send files to storage (api_2)
Determine ETA & queue insertion
Add entry to database (api_4)
Send msg code to Alice with ETA

api_3

Server



To Do

Return message on job completion

0: everything okay

anything else: not ok

Packaging

Find Rscript binary on disk example:
`devtools::find_Rtools()`

Create build script

Add icon to Qt path