



Front end -> Backend requests

item id
↓
/item?id=

- quantity []
- expiration []
- name

 /list?expired=true & consumed=true
 • list of item ids

/list/removed?start= & end=

/item/removed?id= & start= & end=

- quantity []
- expiration []
- add-time []

- expiration []
- add_time []
- removal_time []
- name

/mode/{load|return|removal}

→ changes mode

/item/correct? txn_id = & id = & quantity = & action =

/history? start = & end =

/mode → gets current mode

Backend → Frontend requests/data flow

/txn/new

- txn_id
- item id
- quantity
- removal/add

/mode

→ for mode changes