GET initial req / res

GET refresh req / res

General Data I/O

POST req / res

Client

src → dist

index.js: render app components

RepoList: count of repos component

Search: search form component

Server

server/index.js

express server to:

- serve app (top 25 & form)
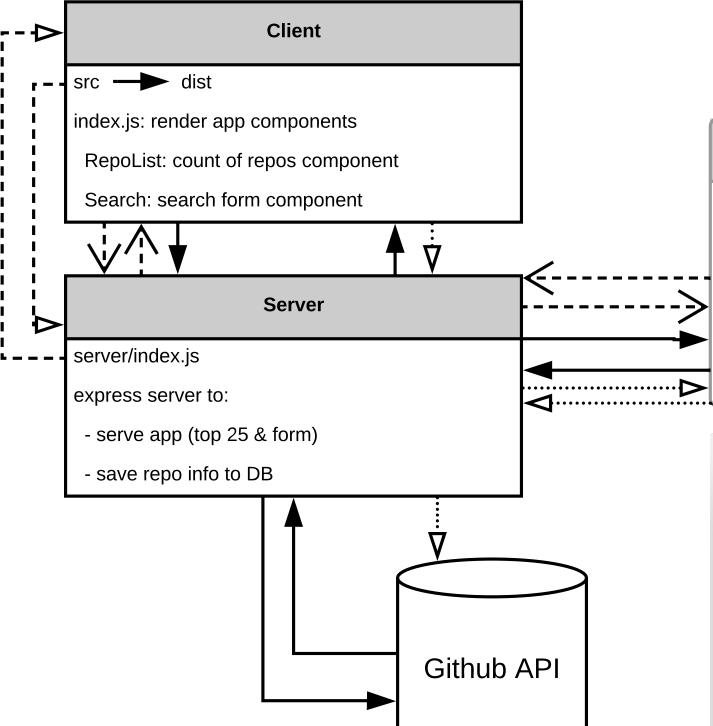
- save repo info to DB

Github API

Database

Repos

id*

name

owner_login

html_url

stargazers_count

```javascript
let db = mongoose.connection;
db.on('error', console.error('DB connection error: ',
error));

db.once('open', function () {
  let repoSchema = mongoose.Schema({
    // TODO your schema here!
    id: {
      type: Number,
      required: true,
      index: true,
      unique: true
    },
    name: { type: String, required: true, },
    owner_login: { type: String, required: true },
    html_url: { type: String, required: true },
    stargazers_count: { type: Number }
  });

  let Repo = mongoose.model('Repo', repoSchema);

  let save = (/* TODO */) => {
    // TODO: Your code here
    // This function should save a repo or repos to
    // the MongoDB
  };
});

module.exports.save = save;
```