

angular使用文件系统

1. 使用 `fs`，导入`fs`外部包正常，但无法使用其定义的函数，报错如下：

```
ERROR TypeError: fs__WEBPACK_IMPORTED_MODULE_0__.writeFileSync is not a
function
    at LogService.test (log.service.ts:18:5)
    at HomeComponent.test (home.component.ts:70:21)
    at HomeComponent.ngOnInit (home.component.ts:37:10)
    at callHook (core.js:2538:1)
    at callHooks (core.js:2507:1)
    at executeInitAndCheckHooks (core.js:2458:1)
    at refreshView (core.js:9499:1)
    at refreshEmbeddedViews (core.js:10609:1)
    at refreshView (core.js:9508:1)
    at refreshComponent (core.js:10655:1)
```

2. 使用 `fs-extra`，步骤

- `install --save --legacy-peer-deps`
- `angular.json`

```
"allowedCommonJsDependencies": [
  "stream",
  "path",
  "constants"
]
```

- `tsconfig.json`

```
"paths": {
  "stream": [ "./node_modules/stream-browserify" ],
  "path": [ "./node_modules/path-browserify" ],
  "constants": [ "./node_modules/constants-browserify" ]
}
```

- `package.json`

```
"browser": {
  "fs": false,
  "assert": false,
  "os": false,
  "util": false
}
```

- 导入`fs-extra`正常，进入不了页面，报错如下：

```
RROR Error: Uncaught (in promise): ReferenceError: process is not
defined
ReferenceError: process is not defined
    at 58937 (polyfills.js:3:1)
    at __webpack_require__ (bootstrap:19:1)
```

```
at 15622 (graceful-fs.js:2:17)
at __webpack_require__ (bootstrap:19:1)
at 96566 (index.js:5:12)
at __webpack_require__ (bootstrap:19:1)
at 28857 (index.js:6:3)
at __webpack_require__ (bootstrap:19:1)
at 7943 (confirm-on-exit.guard.ts:38:21)
at __webpack_require__ (bootstrap:19:1)
at resolvePromise (zone.js:1213:1)
at resolvePromise (zone.js:1167:1)
at zone.js:1279:1
at ZoneDelegate.invokeTask (zone.js:406:1)
at Object.onInvokeTask (core.js:28679:1)
at ZoneDelegate.invokeTask (zone.js:405:1)
at Zone.runTask (zone.js:178:1)
at drainMicroTaskQueue (zone.js:582:1)
```