

问题描述

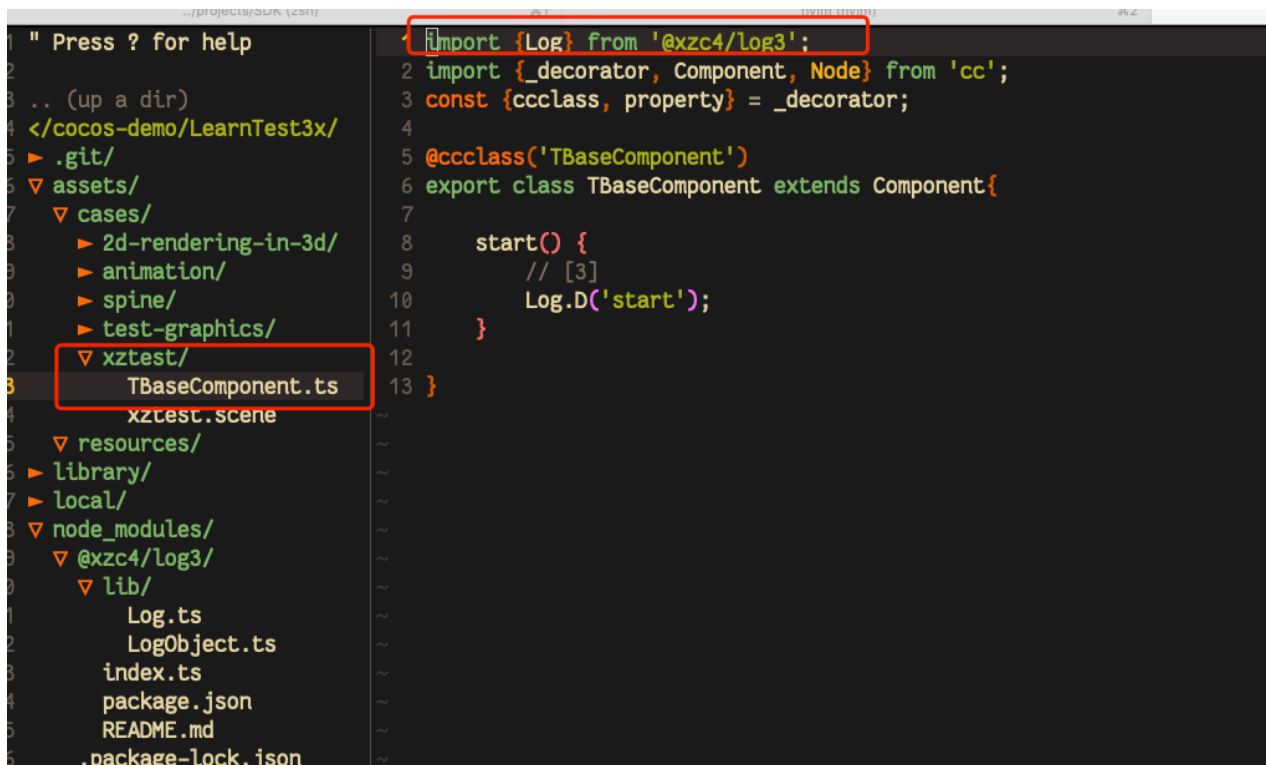
版本: v3.1.0

详情: 自己写了个npm包, 通过npm安装到项目下, 提示如下错误.

```
Failed to resolve ./lib/Log from file:///Users/xxxx/workspace/tests/cocos-  
demo/LearnTest3x/node_modules/@xzc4/log3/index.ts, treat it as external  
dependency.  
Which is caused by: Error: Module "./lib/Log" not found for  
file:///Users/bjhl/workspace/tests/cocos-  
demo/LearnTest3x/node_modules/@xzc4/log3/index.ts
```

在 3.0.1 中正常运行, 在 3.1.0 中才不能正常加载。

使用npm安装的包:



```
1 " Press ? for help  
2  
3 .. (up a dir)  
4 </cocos-demo/LearnTest3x/  
5 ▶ .git/  
6 ▼ assets/  
7   ▼ cases/  
8     ▶ 2d-rendering-in-3d/  
9     ▶ animation/  
10    ▶ spine/  
11    ▶ test-graphics/  
12    ▼ xztest/  
13      TBaseComponent.ts  
14      xztest.scene  
15  
16 ▼ resources/  
17 ▶ library/  
18 ▶ local/  
19 ▼ node_modules/  
20   ▼ @xzc4/log3/  
21     ▼ lib/  
22       Log.ts  
23       LogObject.ts  
24       index.ts  
25       package.json  
26       README.md  
27       .package-lock.json  
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```

```
1 " Press ? for help
2
3 .. (up a dir)
4 </cocos-demo/LearnTest3x/
5 ▶ .git/
6 ▼ assets/
7   ▼ cases/
8     ▶ 2d-rendering-in-3d/
9     ▶ animation/
10    ▶ spine/
11    ▶ test-graphics/
12    ▼ xztest/
13      TBaseComponent.ts
14      xztest.scene
15  ▼ resources/
16  ▶ library/
17  ▶ local/
18  ▼ node_modules/
19    ▼ @xzc4/Log3/
20      ▼ lib/
21        Log.ts
22        LogObject.ts
23        index.ts
24      package.json
25      README.md
26      .package-lock.json
27  ▶ profiles/
28  ▶ settings/
29  ▶ temp/
30  .gitignore
31  .prettierrc.js
```

```
1 export * from './lib/Log';
2 export * from './lib/LogObject';
3
4 /*
5 export enum LogLevel {
6     Error = 1,
7     Warning = 2,
8     Debug = 3
9 }
10
11 export class Log {
12     static LEVEL: LogLevel = LogLevel.Debug;
13
14     static setLevel(level: LogLevel) {
15         Log.LEVEL = level;
16     }
17
18     private static _timeStamp(): string{
19         let ret = '';
20         let date = new Date();
21         ret = `${date.getFullYear()}/${date.getMonth()}/${date.getDate()}`;
22         ret += ` ${date.getHours()}:${date.getMinutes()}:${date.getSeconds()}`;
23         ret += `.${date.getMilliseconds()}`;
24         return ret;
25     }
26
27     private static _print(level:string, tag: string, infos: any[]): void {
28         if (level === '[DEBUG]') {
29             console.log(Log._timeStamp(), level, tag, infos.join(" "));
30         }
31         if (level === '[WARN]') {
```

报错截图:

```
[Package] link-sure@1.0.0 enable
[Package] oppo-mini-game@1.0.0 enable
[Package] qtt@1.0.0 enable
[Package] vivo-mini-game@1.0.0 enable
[Package] cocos-service@3.0.1 enable
[Package] extension@3.0.6 enable
[Package] im-plugin@3.0.5 enable
✖ Failed to resolve ./lib/Log from file:///Users/bjhl/workspace/tests/cocos-demo/LearnTest3x/node_modules/@xzc4/log3/index.ts, treat it as external dependency.
  Which is caused by: Error: Module "./lib/Log" not found for file:///Users/bjhl/workspace/tests/cocos-demo/LearnTest3x/node_modules/@xzc4/log3/index.ts

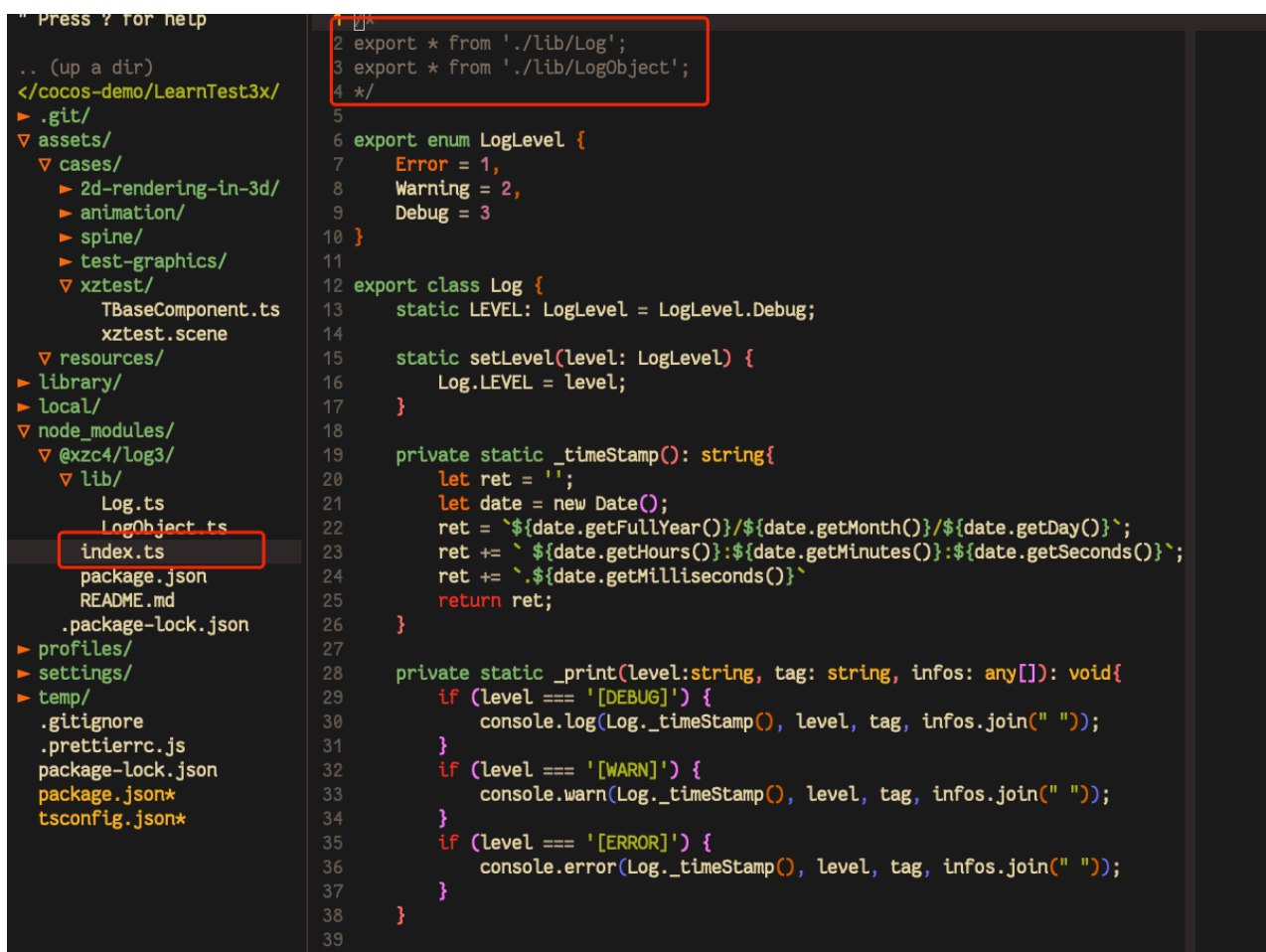
❗ Did you forget the extension? Please note that you can not omit extension in module specifier.
✖ ▶ Failed to resolve ./lib/LogObject from file:///Users/bjhl/workspace/tests/cocos-demo/LearnTest3x/node_modules/@xzc4/log3/index.ts, treat it as external dependency.
❗ Did you forget the extension? Please note that you can not omit extension in module specifier.
✖ ▶ Failed to resolve ./lib/Log from file:///Users/bjhl/workspace/tests/cocos-demo/LearnTest3x/node_modules/@xzc4/log3/index.ts, treat it as external dependency.
❗ Did you forget the extension? Please note that you can not omit extension in module specifier.
✖ ▶ Failed to resolve ./lib/LogObject from file:///Users/bjhl/workspace/tests/cocos-demo/LearnTest3x/node_modules/@xzc4/log3/index.ts, treat it as external dependency.
❗ Did you forget the extension? Please note that you can not omit extension in module specifier.
✖ ▶ [Scene] Packed resource node_modules/@xzc4/log3/lib/Log not found.
✖ ▶ [Scene] Packed resource node_modules/@xzc4/log3/lib/LogObject not found.
✖ ▶ [Scene] Packed resource node_modules/@xzc4/log3/lib/Log not found.
```

运行中报错截图:

Error (Please open the console to see detailed errors)

```
load http://localhost:7456/scripting/x/mods/file/Users/bjhl/workspace/tests/cocos-demo/LearnTest3x/node_modules/@xzc4/log3/lib/Log failedunhandledrejection: Error loading http://localhost:7456/scripting/x/mods/file/Users/bjhl/workspace/tests/cocos-demo/LearnTest3x/node_modules/@xzc4/log3/lib/Log from http://localhost:7456/scripting/x/mods/file/Users/bjhl/workspace/tests/cocos-demo/LearnTest3x/node_modules/@xzc4/log3/index.js (SystemJS Error#3 https://git.io/JvFET#3)Error: Error loading http://localhost:7456/scripting/x/mods/file/Users/bjhl/workspace/tests/cocos-demo/LearnTest3x/node_modules/@xzc4/log
```

如何解决的将所有的代码直接放到 `index.ts` 中就能用了:



```
1 // Press ? for help
2 export * from './lib/Log';
3 export * from './lib/LogObject';
4 */
5
6 export enum LogLevel {
7   Error = 1,
8   Warning = 2,
9   Debug = 3
10 }
11
12 export class Log {
13   static LEVEL: LogLevel = LogLevel.Debug;
14
15   static setLevel(level: LogLevel) {
16     Log.LEVEL = level;
17   }
18
19   private static _timeStamp(): string {
20     let ret = '';
21     let date = new Date();
22     ret = `${date.getFullYear()}/${date.getMonth()}/${date.getDay()}`;
23     ret += ` ${date.getHours()}:${date.getMinutes()}:${date.getSeconds()}`;
24     ret += `.${date.getMilliseconds()}`;
25     return ret;
26   }
27
28   private static _print(level: string, tag: string, infos: any[]): void {
29     if (level === '[DEBUG]') {
30       console.log(Log._timeStamp(), level, tag, infos.join(" "));
31     }
32     if (level === '[WARN]') {
33       console.warn(Log._timeStamp(), level, tag, infos.join(" "));
34     }
35     if (level === '[ERROR]') {
36       console.error(Log._timeStamp(), level, tag, infos.join(" "));
37     }
38   }
39
40   static debug(tag: string, infos: any[]): void {
41     Log._print(LogLevel.Debug, tag, infos);
42   }
43
44   static warn(tag: string, infos: any[]): void {
45     Log._print(LogLevel.Warning, tag, infos);
46   }
47
48   static error(tag: string, infos: any[]): void {
49     Log._print(LogLevel.Error, tag, infos);
50   }
51 }
```

工程打包:

