

定制NodeJS镜像

定制一个程序NodeJS镜像

```
npm init -y  
npm i koa -s
```

```
// package.json  
{  
  "name": "myapp",  
  "version": "1.0.0",  
  "main": "app.js",  
  "scripts": {  
    "test": "echo \"Error: no test specified\" && exit 1"  
  },  
  "keywords": [],  
  "author": "",  
  "license": "ISC",  
  "description": "myapp",  
  "dependencies": {  
    "koa": "^2.7.0"  
  }  
}
```

```
// app.js  
const Koa = require('koa')  
const app = new Koa()  
app.use(ctx => {  
  ctx.body = 'Hello Docker'  
})  
app.listen(3000, () => {  
  console.log('app started at http://localhost:3000/')  
})
```

```
#Dockerfile
#制定node镜像的版本
FROM node:10-alpine
#移动当前目录下面的文件到app目录下
ADD . /app/
#进入到app目录下面，类似cd
WORKDIR /app
#安装依赖
RUN npm install
#对外暴露的端口
EXPOSE 3000
#程序启动脚本
CMD ["node", "app.js"]
```

```
# 定制镜像
docker build -t mynode .

# 运行
docker run -p 3000:3000 -d mynode
```