



APRIL 13, 2023

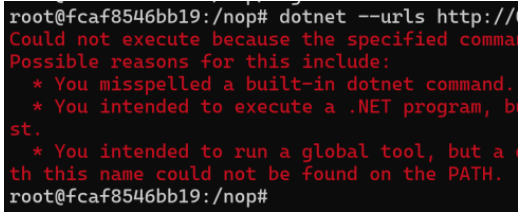
# DevOps Classroomnotes 13/Apr/2023

## Dockerfile contd..

### .net application manual process

- [Refer Here](#) for manual steps
- This application requires
  - mysql server (lets ignore this)
  - .dotnet runtime 7.0
  - it runs on port 5000
- Steps:
  - Ensure dotnet 7 is installed
  - Download application from [Refer Here](#)
  - unzip the application into some folder
  - create two directories bin and logs
  - Run the application using command dotnet --urls "http://0.0.0.0:5000" Nop.Web.dll
- We have created the following Dockerfile

```
FROM mcr.microsoft.com/dotnet/sdk:7.0
LABEL author="khaja" organization="qt" project="learning"
ADD https://github.com/nopSolutions/nopCommerce/releases/download/release-4.60.2/nopComme
WORKDIR /nop
RUN apt update && apt install unzip -y && \
    unzip /nop/nopCommerce_4.60.2_NoSource_linux_x64.zip && \
    mkdir /nop/bin && mkdir /nop/logs
EXPOSE 5000
CMD [ "dotnet", "--urls", "http://0.0.0.0:5000", "Nop.Web.dll" ]
```

- This is not working
- Try fixing
- Try using alpine version of dotnet 7 for the same application

## Dockerfile instructions

- WORKDIR: This instruction sets the working directory [Refer Here](#)

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