

Party Bus Example Dockerfiles

Why does Party Bus request example Dockerfiles for Tech Fit? This helps our team to identify dependencies prior to onboarding.

Node Frontend

```
FROM registry.il2.dso.mil/platform-one/devops/pipeline-templates/ironbank/nodejs14:14.16.1 AS
builder USER root

WORKDIR /app
COPY . .
RUN npm run build

USER node

# Stage 2
FROM
registry.il2.dso.mil/platform-one/devops/pipeline-templates/base-image/harden-nginx-20:1.20.1
USER appuser

COPY --from=builder --chown=appuser:appuser /app/build /var/www

EXPOSE 8080

CMD [ "nginx", "-g", "daemon off;" ]
```

Node Backend

```
FROM registry.il2.dso.mil/platform-one/devops/pipeline-templates/ironbank/nodejs14:14.15.5 AS
builder USER root

WORKDIR /app
COPY ./package.json package-lock.json swagger.json ./
COPY src src
RUN npm run build

FROM
registry.il2.dso.mil/platform-one/devops/pipeline-templates/base-image/harden-nodejs14:14.16.0

COPY --from=builder --chown=appuser:appuser /app /app

WORKDIR /app
EXPOSE 8080

USER appuser

CMD ["node", "src/index.js"]
```

Python

```
FROM
registry.il2.dso.mil/platform-one/devops/pipeline-templates/base-image/harden-python39:3.9.4

WORKDIR /home/appuser

COPY --chown=appuser:appuser main.py ./
COPY --chown=appuser:appuser python-world ./python-world
COPY --chown=appuser:appuser .cache/python-packages ./python-packages

ENV PYTHONPATH=/home/appuser/python-packages

CMD ["python", "/home/appuser/main.py"]
```

Ruby

```
FROM
registry.il2.dso.mil/platform-one/devops/pipeline-templates/base-image/harden-ruby27:2.7.3_1

WORKDIR /app

COPY --chown=appuser:appuser . .

ENV PATH /app/bin:$PATH
ENV RAILS_ENV production

ENTRYPOINT ["/app/entrypoint.sh"]
```

Typescript

```
FROM registry.il2.dso.mil/platform-one/devops/pipeline-templates/ironbank/nodejs16:16.3.0 AS
builder WORKDIR /home/node

COPY package.json ./
COPY node_modules node_modules

COPY src src
COPY tsconfig.json ./

RUN npm run build --prod

FROM
registry.il2.dso.mil/platform-one/devops/pipeline-templates/ironbank/nodejs16:16.3.0

USER node

COPY --from=builder --chown=node:node /home/node /home/node

EXPOSE 8080

CMD ["node", "/home/node/lib/main.js"]
```

Maven

```
FROM
registry.il2.dso.mil/platform-one/devops/pipeline-templates/base-image/harden-openjdk11-jre:11.0.10
USER appuser
COPY target/*.jar /app/
ENTRYPOINT ["java", "-jar", "/app/maven-boot-world-0.0.1-SNAPSHOT.jar"]
```

Gradle

```
FROM
registry.il2.dso.mil/platform-one/devops/pipeline-templates/base-image/harden-openjdk13-jre:1.13.0
USER 1001
COPY build/libs/hello-java-g-0.0.1-SNAPSHOT.jar /app/
ENTRYPOINT ["java", "-jar", "/app/hello-java-g-0.0.1-SNAPSHOT.jar"]
```

Yarn

```
FROM
registry.il2.dso.mil/platform-one/devops/pipeline-templates/base-image/harden-nodejs14:14.15.5
USER appuser
WORKDIR /home/appuser
ENV NPM_CONFIG_CACHE=/home/appuser/.npm
COPY --chown=appuser:appuser . .
EXPOSE 8080
CMD [ "npm", "start" ]
```

Vue

```
# Stage 1
FROM registry.il2.dso.mil/platform-one/devops/pipeline-templates/ironbank/nodejs14:14.14.0 AS

builder USER root

WORKDIR /app

COPY package.json package-lock.json vue.config.js babel.config.js .eslintrc .prettierrc
./ COPY src src
COPY public public
COPY node_modules node_modules
RUN npm run build

# Stage 2
FROM registry.il2.dso.mil/platform-one/devops/pipeline-templates/base-image/harden-nginx-19:1.19.6

USER appuser
WORKDIR /app
COPY --from=builder --chown=appuser:appuser /app/dist /var/www

EXPOSE 8080

CMD ["nginx", "-g", "daemon off;"]
```

.Net

```
FROM registry1.dso.mil/ironbank/redhat/dotnet-core/dotnetcore-aspnet-5.0:5.0

WORKDIR /home/dotnet

COPY dist .

# set DOTNET default host bind and port
ENV ASPNETCORE_URLS=http://+:8080

ENTRYPOINT ["dotnet", "/home/dotnet/dotnet-world.dll"]
```

Golang

```
FROM

registry.il2.dso.mil/platform-one/devops/pipeline-templates/base-image/harden-golang16:1.16.0

USER appuser

WORKDIR /app

COPY ./bin .

CMD [ "./main" ]
```

C++

```
FROM
registry.il2.dso.mil/platform-one/devops/pipeline-templates/base-image/harden-ubi8-8.4:1.0

WORKDIR /app

ARG CMAKE_BUILD_DIR="build"

COPY ${CMAKE_BUILD_DIR}/cpp-world ./

USER appuser

ENTRYPOINT ["/app/cpp-world"]
```

PHP

```
FROM registry1.dso.mil/ironbank/opensource/php/php73-composer-pear:7.3.27
# Set user to root
USER root

# Copy source files
RUN mkdir backend
COPY . ./backend

# Export port 8000
EXPOSE 8000

# Set user to 1001
USER 1001

ENTRYPOINT ["php", "backend/hello.php", "serve", "--port=8000"]
```

Flutter

```
FROM registry.il2.dso.mil/platform-one/devops/pipeline-templates/flutter:2.0.1 AS
builder WORKDIR /app

COPY . .

RUN /flutter/bin/flutter clean
RUN /flutter/bin/flutter pub get
RUN /flutter/bin/flutter doctor

RUN /flutter/bin/flutter build web --web-renderer canvaskit --release

# Stage 2
FROM
registry.il2.dso.mil/platform-one/devops/pipeline-templates/base-image/harden-nginx-19:1.19.6

USER appuser

COPY --from=builder --chown=appuser:appuser /app/build/web /var/www

EXPOSE 8080

CMD [ "nginx", "-g", "daemon off;" ]
```