



docker

## Docker Tutorials

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# Formatting PS Output

# Example 1 - Names and Images as Table

## Format

- *docker run -d redis*
- *docker ps*
- *docker ps --format '{{.Names}} container is using {{.Image}} image'*
- *docker ps --format 'table {{.Names}}\t{{.Image}}'*

```
$ docker run -d redis
b2d88a1d4f87eb416608485ea0f8a1772c16a82586aa4ea88e73a10308edf101
$ docker ps --format '{{.Names}} container is using {{.Image}} image'
gracious_ptolemy container is using redis image
$ docker ps --format 'table {{.Names}}\t{{.Image}}'
NAMES          IMAGE
gracious_ptolemy  redis
```

# Example 2 - List IP addresses

- However, the format parameter allow supports displaying data that is already exposed via the *docker ps* command. If you wanted to include additional information, such as the **IP Address** of the container, then the data needs to come via *docker inspect*.

- *docker ps -q | xargs docker inspect --format '{{ .Id }} - {{ .Name }} - {{ .NetworkSettings.IPAddress }}*

- ```
$ docker ps -q | xargs docker inspect --format '{{ .Id }} - {{ .Name }} - {{ .NetworkSettings.IPAddress }}'
b2d88a1d4f87eb416608485ea0f8a1772c16a82586aa4ea88e73a10308edf101 - /gracious_ptolemy - 172.18.0.2
```

# Reference

- <https://www.katacoda.com/courses/docker/formatting-ps-output>