Troubleshooting

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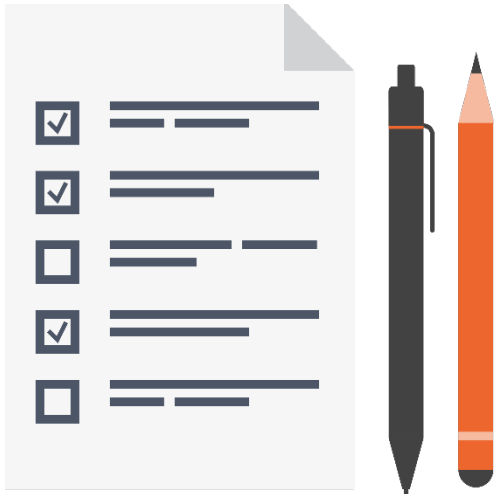
What We'll Learn



- Docker Daemon Logging
- Container Logging
- Troubleshooting Images
- Network Troubleshooting

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Docker Daemon Logging

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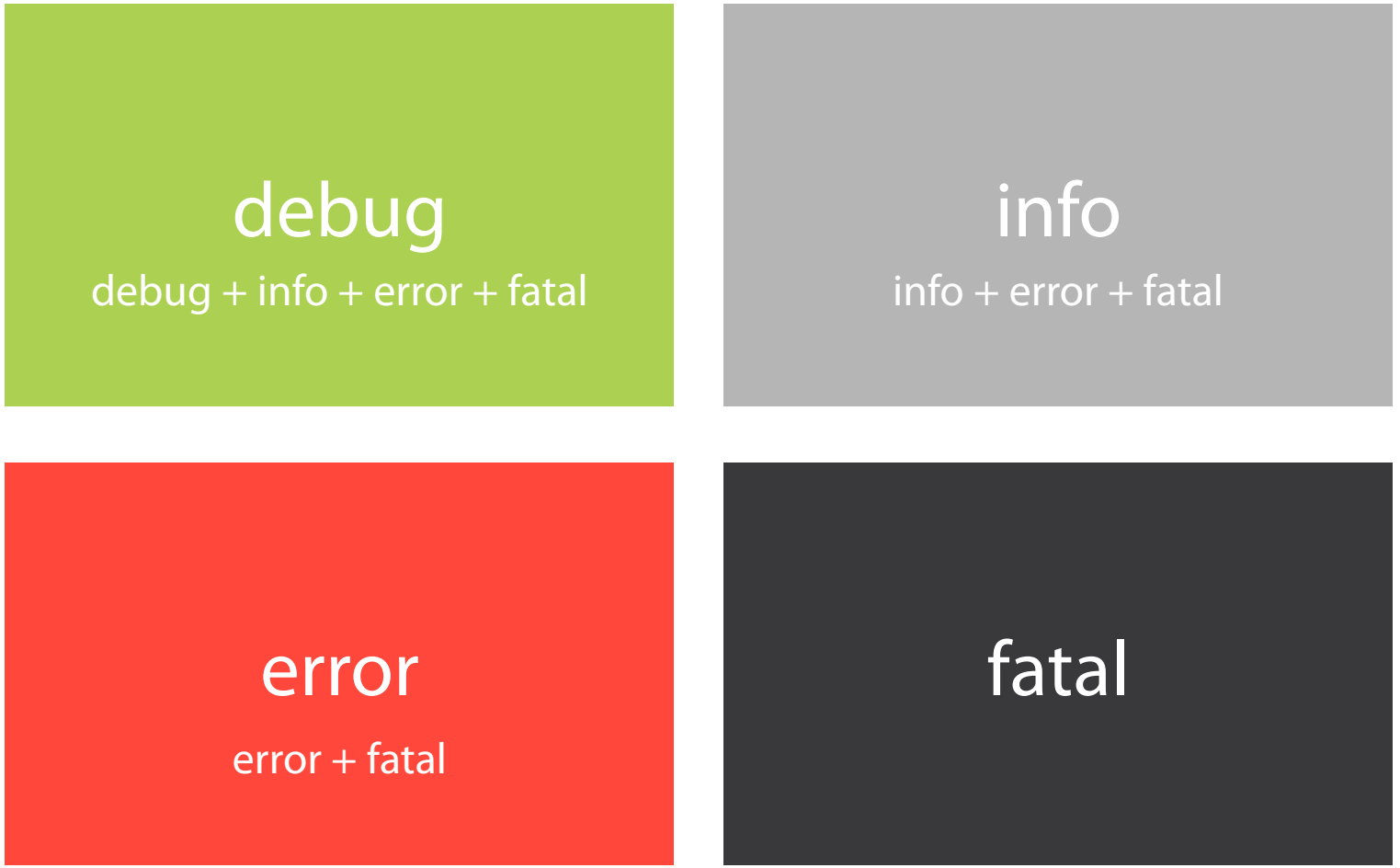

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Container Logging

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Use volumes to share and persist data

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Image Troubleshooting

Test Before Dockerfile

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```
FROM ubuntu:15.04
```

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```
FROM ubuntu:15.04

CMD ping 8.8.8.8
```

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```
FROM ubuntu:15.04


RUN apt-get install –y
iputils-ping

CMD ping 8.8.8.8
```

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```
FROM ubuntu:15.04

RUN apt-get update

RUN apt-get install –y
iputils-ping

CMD ping 8.8.8.8
```

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```
FROM ubuntu:15.04

RUN apt-get update && \
    apt-get install –y \
    iputils-ping

CMD ping 8.8.8.8
```

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Image Troubleshooting

Intermediate Images

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Network Troubleshooting

docker0

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Network Troubleshooting

IPTables

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```
--icc=

--iptables=
```

*Both default to **true**

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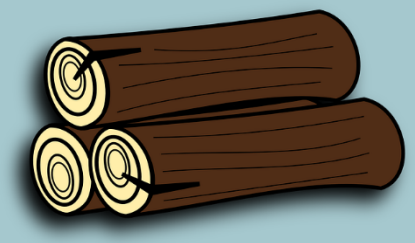
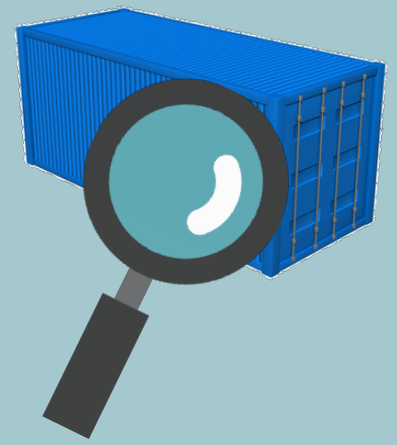
Module Recap



`-l`

`--log-level`

Docker Daemon Logging

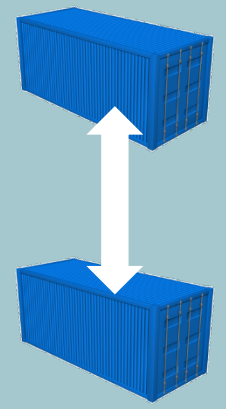


`docker logs`

Container Logs

Images

`--icc=`
`--iptables=`



Networking

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