

07 – Extra commands and details

CS 2043: Unix Tools and Scripting, Spring 2019 [1]

Matthew Milano

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Cornell University

Table of Contents

1. This isn't a lecture we'll get to, but here's some slides for those curious!

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Identification: **lsof**

List of Open Files

lsof [options]

- Very similar to **ps**, with more information by default.
 - Frequently used for monitoring port connections.
 - Use **-i** to list IP sockets.
 - E.g., **lsof -i tcp:843** shows all tcp processes on port **843**.
 - Many options...read the man page if you are intrigued.
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- As with **ps**, often best served with a side of **grep**.
 - More useful for administration, especially when managing a networked interface.

References

- [1] Stephen McDowell, Bruno Abrahao, Hussam Abu-Libdeh, Nicolas Savva, David Slater, and others over the years. “Previous Cornell CS 2043 Course Slides”.