Heroku Logging and other useful commands using CLI

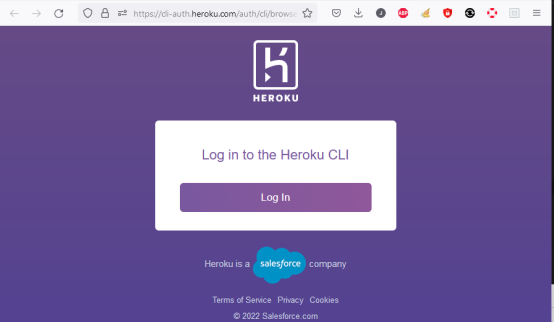
**Open the Windows Command Prompt or the Git Terminal**. Either will work, but I found the Command Prompt to work better in Windows. Do not be concerned about the folder location, for example C:\Users\John

**Login Command**

**execution:** C:\Users\John>heroku login

**response:** Heroku passes: “Press any key to open up the browser to login or q to exit:”

**browser opens Heroku Login page:** <https://cli-auth.heroku.com/auth/cli/browser/400528fd-f3e5-4ae8-83c1-989f110ae813?requestor=SFMyNTY.g2g>.........



**click “Log In” button:**

**response should be:**

Logging in... done

Logged in as jhart.naples@gmail.com

\*\*\* note: this command supports MFA. The browser will open up automatically. Click the Log In button on the Heroku Login Page as shown in the image above. The Log In page will automatically close and you will be logged into the Heroku CLI.

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**Version Command**

**Enter:** C:\Users\John>heroku --version

**Response:** heroku/7.67.1 win32-x64 node-v14.19.0

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**Apps Command**

**Enter:** C:\Users\John>heroku apps

**Response:** === jhart.naples@gmail.com Apps

calm-spire-78454

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**Logout Command**

**Enter:** C:\Users\John>heroku logout

**Response:** Logging out... done

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**Program Status Command**

**Enter:** C:\Users\John>heroku ps -a calm-spire-78454

**Response:** Eco dyno hours quota remaining this month: 892h 31m (89%)

Eco dyno usage for this app: 107h 28m (10%)

For more information on Eco dyno hours, see:

https://devcenter.heroku.com/articles/eco-dyno-hours

=== web (Eco): java -Dserver.port=$PORT -jar target/\*.jar (1)

web.1: up 2022/12/22 10:07:44 -0500 (~ 2h ago)

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**LOGGING COMMANDS**

logs command results defaults to 100 lines

can specify the number of lines by using –n with the number of lines you desire <= 1500 lines

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**Enter:** C:\Users\John>heroku logs -a calm-spire-78454

**Response:**

* 2022-12-22T18:02:29.435610+00:00 app[web.1]: at org.springframework.security.web.authentication.www.BasicAuthenticationFilter.doFilterInternal(BasicAuthenticationFilter.java:154) ~[spring- security-web-5.2.1.RELEASE.jar!/:5.2.1.RELEASE]
* 2022-12-22T18:02:29.435610+00:00 app[web.1]: at org.springframework.web.filter.OncePerRequestFilter.doFilter(OncePerRequestFilter.java:119) ~[spring-web-5.2.3.RELEASE.jar!/:5.2.3.RELEASE]
* 2022-12-22T18:02:34.837086+00:00 heroku[router]: at=info method=GET path="/users/index" host=calm-spire-78454.herokuapp.com request\_id=c7202678-3844-42cb-a536-0e062f632df3 fwd="72.83.138.58" dyno=web.1 connect=0ms service=3ms status=200 bytes=5099 protocol=https
* 2022-12-22T18:02:34.967052+00:00 heroku[router]: at=info method=GET path="/webjars/bootstrap/3.3.7-1/css/bootstrap.min.css" host=calm-spire-78454.herokuapp.com request\_id=545e3bfa-5dc7-41b9-8fe6-d3e401c06401 fwd="72.83.138.58" dyno=web.1 connect=0ms service=5ms status=200 bytes=121725 protocol=https
* 2022-12-22T18:02:35.000990+00:00 heroku[router]: at=info method=GET path="/users/css/custom.css" host=calm-spire-78454.herokuapp.com request\_id=3749d6c5-d1fe-419d-b530-447a490a2ee7 fwd="72.83.138.58" dyno=web.1 connect=0ms service=30ms status=404 bytes=621 protocol=https
* 2022-12-22T18:02:35.002712+00:00 heroku[router]: at=info method=GET path="/js/user/user.js" host=calm-spire-78454.herokuapp.com request\_id=89cb891b-f049-498a-924b-f489af33105d fwd="72.83.138.58" dyno=web.1 connect=0ms service=2ms status=200 bytes=7019 protocol=https
* Etc.

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**Limit Results**

**Enter:** C:\Users\John>heroku logs -a calm-spire-78454 **–n 10**

**Response:** Same as the previous request except limited to 10 responses.

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**Enter:** C:\Users\John>heroku logs -a calm-spire-78454 --**dyno router**

**Response:** Same as initial response but filters logs as heroku[router]

* 2022-12-22T18:02:35.000990+00:00 **heroku[router]**: at=info method=GET path="/users/css/custom.css" host=calm-spire-78454.herokuapp.com request\_id=3749d6c5-d1fe-419d-b530-447a490a2ee7 fwd="72.83.138.58" dyno=web.1 connect=0ms service=30ms status=404 bytes=621 protocol=https

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**Enter:** C:\Users\John>heroku logs -a calm-spire-78454 --**dyno web.1 \*\*\* MOST INTERESTING TO DEVS**

**Response:** 2022-12-22T18:02:41.715728+00:00 app[web.1]: 2022-12-22 13:02:41.715 INFO 4 --- [io-29331-exec-3] com.jhart.web.word.WordController : WordController = index

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**Enter:** C:\Users\John>heroku logs -a calm-spire-78454 --**source heroku**

**Response:** 2022-12-22T18:02:53.332342+00:00 heroku[router]: at=info method=GET path="/word/get?wordName=arose&noWordName=&inChar1=&inChar2=&inChar3=&inChar4=&inChar5=&notInChar1=&notInChar2=

&notInChar3=&notInChar4=&notInChar5=&wordCount=&words=" host=calm-spire-78454.herokuapp.com request\_id=8549a7bc-0a20- 476d-9c58-7f70cb86ea7d fwd="72.83.138.58" dyno=web.1 connect=0ms service=154ms status=200 bytes=7430 protocol=https

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**Enter:** C:\Users\John>heroku logs -a calm-spire-78454 --source app --dyno api

**Response:** 2022-12-22T15:07:08.000000+00:00 app[api]: Build started by user jhart.naples@gmail.com

2022-12-22T15:07:31.623244+00:00 app[api]: Deploy 053469c7 by user jhart.naples@gmail.com

2022-12-22T15:07:31.623244+00:00 app[api]: Release v41 created by user jhart.naples@gmail.com

2022-12-22T15:07:41.000000+00:00 app[api]: Build succeeded

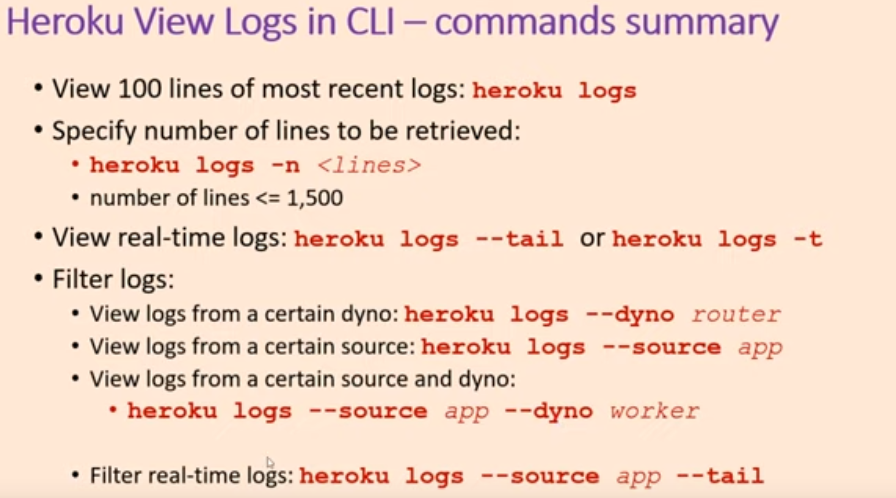
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**Tail will continue to write logs which can be of any types noted above (i.e. source heroku, dyno router, etc.)**

**To stop the tail, type CTRL-C to terminate tail**

**Enter:** C:\Users\John>heroku logs --tail -a calm-spire-78454 --source heroku

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References:

[**https://www.youtube.com/watch?v=ahqUTaPMSqQ**](https://www.youtube.com/watch?v=ahqUTaPMSqQ)

Check Issue: com.zaxxer.hikari.pool.PoolBase : **HikariPool-1 - Failed to validate connection com.mysql.cj.jdbc.ConnectionImpl**@2e83ab94 (No operations allowed after connection closed.). Possibly consider using a shorter maxLifetime value.

https://www.google.com/search?q=heroku+log+com.zaxxer.hikari.pool.PoolBase++++++++++%3A+HikariPool-1+-+Failed+to+validate+connection+com.mysql.cj.jdbc.ConnectionImpl%402e83ab94+%28No+operations+allowed+after+connection+closed.%29.+Possibly+consider+using+a+shorter+maxLifetime+value.&client=firefox-b-1-d&sxsrf=ALiCzsZJayvdBAJozeZAnpHT0L9F87gHbQ%3A1671749944819&ei=OOGkY9OxMfOGytMPr8uz2A4&ved=0ahUKEwjTrfTsqY78AhVzg3IEHa\_lDOsQ4dUDCA8&uact=5&oq=heroku+log+com.zaxxer.hikari.pool.PoolBase++++++++++%3A+HikariPool-1+-+Failed+to+validate+connection+com.mysql.cj.jdbc.ConnectionImpl%402e83ab94+%28No+operations+allowed+after+connection+closed.%29.+Possibly+consider+using+a+shorter+maxLifetime+value.&gs\_lcp=Cgxnd3Mtd2l6LXNlcnAQAzIFCAAQgAQyBQgAEIAEMgUIABCABDIFCAAQgAQyBQgAEIAEMgUIABCABDIFCAAQgAQyBQgAEIAEMgUIABCABDIFCAAQgAQ6CAgAEIAEELEDOgoIABCABBCHAhAUSgUIPBIBMUoECEEYAUoECEYYAFDYHliy3gJg5ecCaAFwAHgAgAGVAYgBwAOSAQMyLjKYAQCgAQGgAQLAAQE&sclient=gws-wiz-serp