

Containerize the App

The screenshot shows the Docker Desktop interface. On the left is a sidebar with navigation options: Containers, Images, Volumes, Dev Environments (marked BETA), and Extensions (marked BETA). The main area is titled 'Containers' and shows a list of 26 items. The list has columns for NAME, IMAGE, STATUS, PORT(S), STARTED, and ACTIONS. The containers listed include 'k8s_flask-app-container_sample-app-784bb6d95-l...', 'nice_keldysh', 'naughty_poltas', 'nostalgic_euler', 'wizardly_ramanujan', 'cool_dubinsky', 'trusting_galois', and 'fervent_boyd'. The 'wizardly_ramanujan' container is highlighted with a blue bar. At the bottom, there's a status bar showing RAM (3.49GB), CPU (2.28%), and a connection to Hub.

NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS
k8s_flask-app-container_sample-app-784bb6d95-l-668cca1610da	bynarithika/sample-app:latest	Running	-	22 hours ago	[Stop] [Restart] [Refresh] [Delete]
k8s_flask-app-container_sample-app-784bb6d95-l-743a6c8c3c60	bynarithika/sample-app:latest	Running	-	22 hours ago	[Stop] [Restart] [Refresh] [Delete]
k8s_flask-app-container_sample-app-784bb6d95-l-6505cdcab7c2	bynarithika/sample-app:latest	Running	-	22 hours ago	[Stop] [Restart] [Refresh] [Delete]
nice_keldysh-176e422ba019	app:latest	Exited	5000		[Start] [Restart] [Refresh] [Delete]
naughty_poltas-9a0b95733f26	app2:latest	Exited	5000		[Start] [Restart] [Refresh] [Delete]
nostalgic_euler-26c8bddf2a95	app2:latest	Created (128)	5000		[Start] [Restart] [Refresh] [Delete]
wizardly_ramanujan-356a854ea022	app2:latest	Running	5000	7 hours ago	[Stop] [Restart] [Refresh] [Delete]
cool_dubinsky-c2da196e528f	pet:latest	Created (128)	5000		[Start] [Restart] [Refresh] [Delete]
trusting_galois-45439fd7578c	pet:latest	Running	80	2 hours ago	[Stop] [Restart] [Refresh] [Delete]
fervent_boyd-defce2aa504f	pet:latest	Created (128)	80		[Start] [Restart] [Refresh] [Delete]

This screenshot shows the 'Logs' tab for the 'wizardly_ramanujan' container. The logs display a series of HTTP requests and responses, including GET requests for static files and POST requests for API endpoints. A warning message at the top states: 'WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.' The logs also show a traceback for a recent error.

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0
0
[('December', '2000'), ('November', '44500'), ('October', '40000')]
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
* Running on http://172.17.0.3:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 258-742-702
172.17.0.1 - - [19/Nov/2022 08:53:47] "GET /static/AddExpense.css HTTP/1.1" 304 -
172.17.0.1 - - [19/Nov/2022 08:53:47] "GET /static/expenseTracker.png HTTP/1.1" 304 -
172.17.0.1 - - [19/Nov/2022 08:53:48] "GET /static/AddExpense.css HTTP/1.1" 304 -
172.17.0.1 - - [19/Nov/2022 08:53:48] "GET /static/expenseTracker.png HTTP/1.1" 304 -
172.17.0.1 - - [19/Nov/2022 08:55:47] "GET /static/login.css HTTP/1.1" 200 -
172.17.0.1 - - [19/Nov/2022 08:55:47] "GET /static/expenseTracker.png HTTP/1.1" 304 -
172.17.0.1 - - [19/Nov/2022 09:25:40] "GET /static/expenseTracker.png HTTP/1.1" 304 -
172.17.0.1 - - [19/Nov/2022 09:25:40] "GET /static/AddExpense.css HTTP/1.1" 304 -
172.17.0.1 - - [19/Nov/2022 09:26:27] "GET /static/login.css HTTP/1.1" 304 -
172.17.0.1 - - [19/Nov/2022 09:26:27] "GET /static/expenseTracker.png HTTP/1.1" 304 -
172.17.0.1 - - [19/Nov/2022 09:43:17] "GET /static/AddExpense.css HTTP/1.1" 304 -
172.17.0.1 - - [19/Nov/2022 09:43:17] "GET /static/expenseTracker.png HTTP/1.1" 304 -
172.17.0.1 - - [19/Nov/2022 09:44:37] "GET /static/login.css HTTP/1.1" 304 -
172.17.0.1 - - [19/Nov/2022 09:44:37] "GET /static/expenseTracker.png HTTP/1.1" 304 -
172.17.0.1 - - [19/Nov/2022 10:33:41] "GET /static/login.css HTTP/1.1" 304 -
172.17.0.1 - - [19/Nov/2022 10:33:41] "GET /static/expenseTracker.png HTTP/1.1" 304 -
172.17.0.1 - - [19/Nov/2022 12:26:46] "POST /add HTTP/1.1" 200 -
172.17.0.1 - - [19/Nov/2022 12:26:46] "GET /static/history.css HTTP/1.1" 200 -
172.17.0.1 - - [19/Nov/2022 12:26:46] "GET /static/ohno.png HTTP/1.1" 200 -
172.17.0.1 - - [19/Nov/2022 12:26:56] "GET /today HTTP/1.1" 200 -
172.17.0.1 - - [19/Nov/2022 12:27:08] "GET /month HTTP/1.1" 200 -
172.17.0.1 - - [19/Nov/2022 12:27:15] "GET /month HTTP/1.1" 200 -
172.17.0.1 - - [19/Nov/2022 12:27:18] "GET /limit HTTP/1.1" 200 -
172.17.0.1 - - [19/Nov/2022 12:27:18] "GET /static/history.css HTTP/1.1" 304 -
172.17.0.1 - - [19/Nov/2022 12:27:40] "POST /limitnum HTTP/1.1" 200 -
172.17.0.1 - - [19/Nov/2022 12:27:40] "GET /static/AddExpense.css HTTP/1.1" 200 -
172.17.0.1 - - [19/Nov/2022 12:27:48] "GET /logout HTTP/1.1" 200 -
172.17.0.1 - - [19/Nov/2022 12:27:48] "GET /static/AddExpense.css HTTP/1.1" 304 -
172.17.0.1 - - [19/Nov/2022 12:27:48] "GET /static/expenseTracker.png HTTP/1.1" 200 -
172.17.0.1 - - [19/Nov/2022 14:20:07] "GET /today HTTP/1.1" 500 -
Traceback (most recent call last):
  File "/usr/local/lib/python3.7/site-packages/flask/app.py", line 2546, in __call__
    return self.wsgi_app(environ, start_response)
  File "/usr/local/lib/python3.7/site-packages/flask/app.py", line 2526, in wsgi_app
    response = self.handle_exception(e)
  File "/usr/local/lib/python3.7/site-packages/flask/app.py", line 2525, in wsgi_app
```