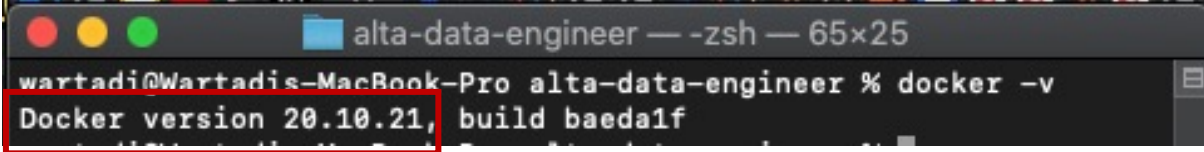
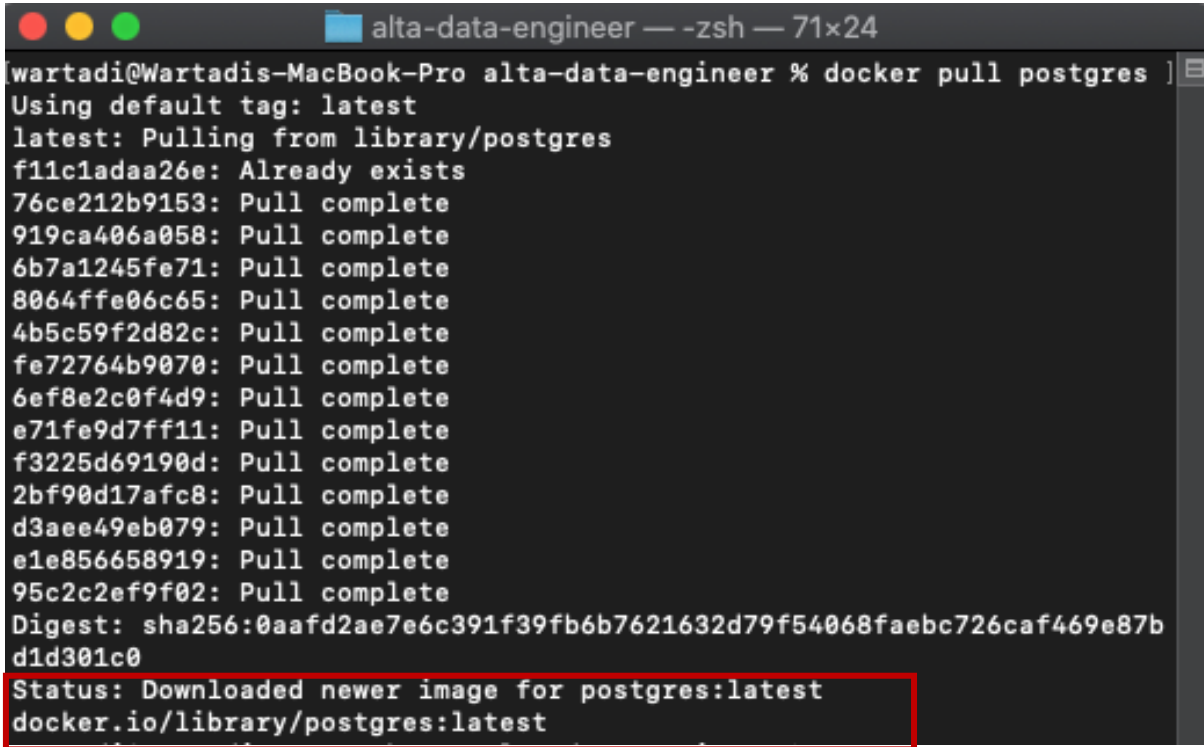
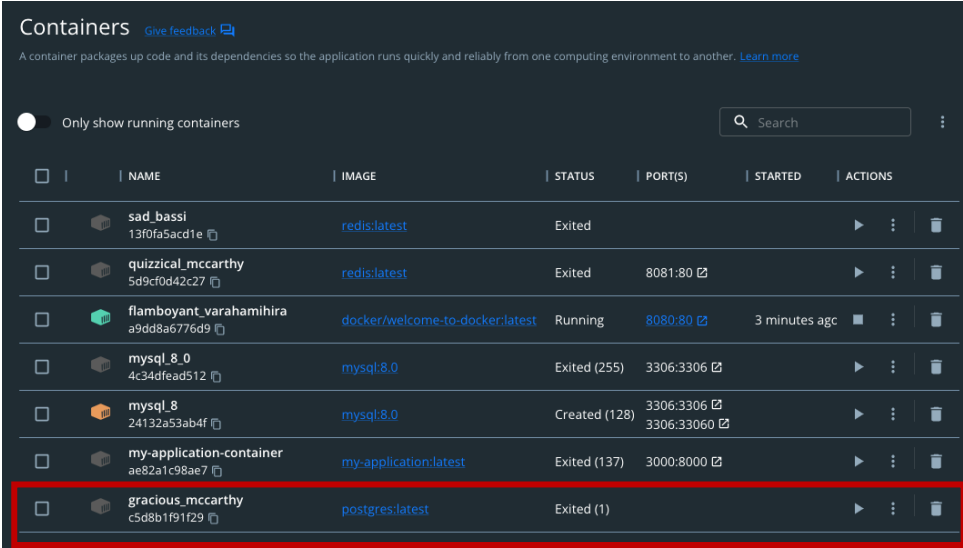


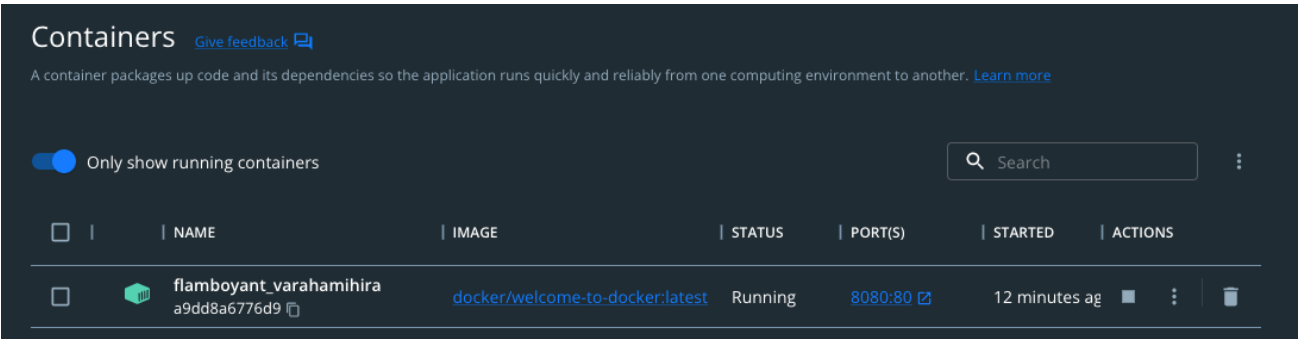
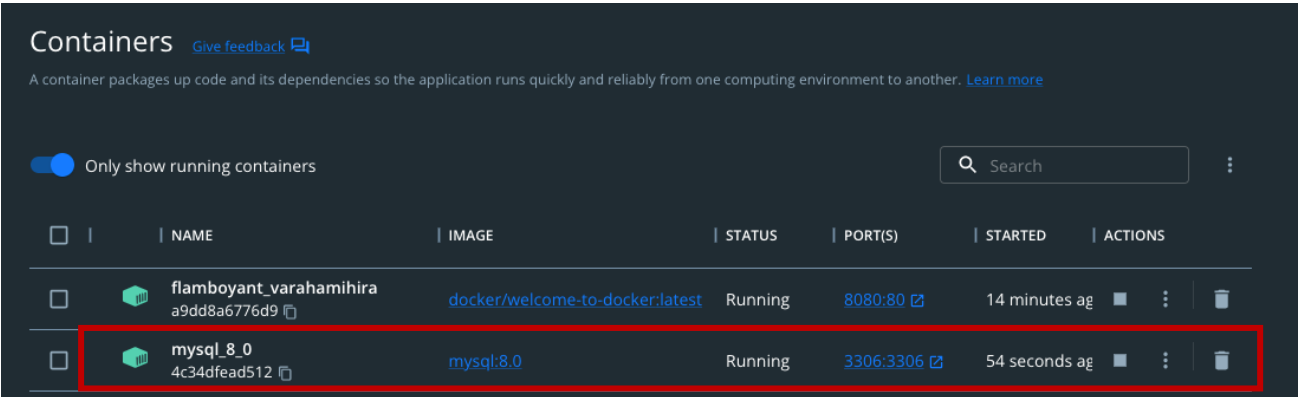
docker

PART 1 - Basic Command Docker

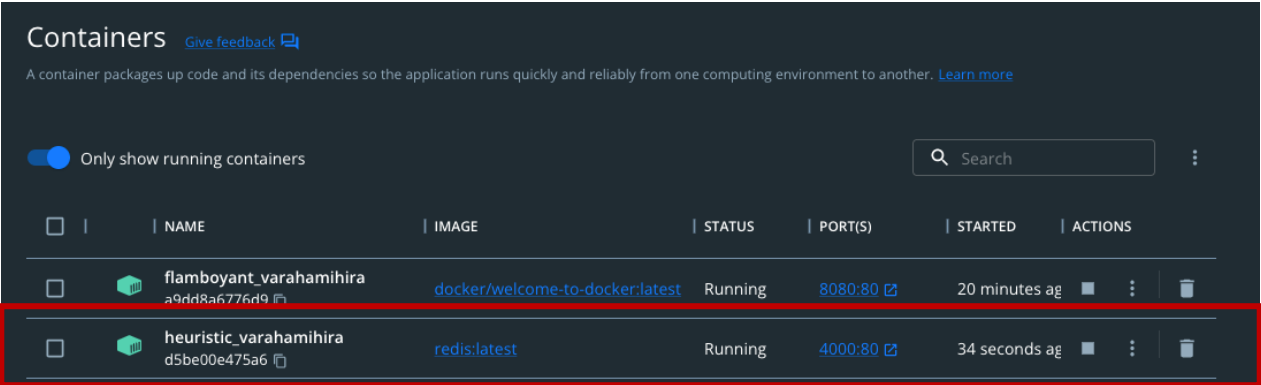
RELEASE 1

No	Perintah	Output
1	<p>Untuk mengecek perangkat computer sudah terinstal Docker atau belum bisa menggunakan perintah docker -v dalam command prompt</p>	 <pre>alta-data-engineer — -zsh — 65x25 wartadi@Wartadis-MacBook-Pro alta-data-engineer % docker -v Docker version 20.10.21, build baeda1f</pre>
2	<p>Pull an image Postgres from a Docker Hub with command \$ docker pull</p> <p>Fungsi command pull pada docker digunakan untuk mengunduh (menarik) gambar Docker dari sebuah repository, biasanya dari Docker Hub, ke lokal computer dalam hal ini postgres</p>	 <pre>alta-data-engineer — -zsh — 71x24 wartadi@Wartadis-MacBook-Pro alta-data-engineer % docker pull postgres] Using default tag: latest latest: Pulling from library/postgres f11c1adaa26e: Already exists 76ce212b9153: Pull complete 919ca406a058: Pull complete 6b7a1245fe71: Pull complete 8064ffe06c65: Pull complete 4b5c59f2d82c: Pull complete fe72764b9070: Pull complete 6ef8e2c0f4d9: Pull complete e71fe9d7ff11: Pull complete f3225d69190d: Pull complete 2bf90d17afc8: Pull complete d3aee49eb079: Pull complete e1e856658919: Pull complete 95c2c2ef9f02: Pull complete Digest: sha256:0aafd2ae7e6c391f39fb6b7621632d79f54068faebc726caf469e87b d1d301c0 Status: Downloaded newer image for postgres:latest docker.io/library/postgres:latest</pre>

No	Perintah	Output
3	<p>List local images with command \$ docker images</p> <p>Perintah tersebut digunakan untuk melihat daftar image yang sudah ada di Docker</p>	<pre>wartadi@Wartadis-MacBook-Pro alta-data-engineer % docker images REPOSITORY TAG IMAGE ID CREATED SIZE redis latest 9c893be668ac 5 weeks ago 116MB postgres latest f23dc7cd74bd 7 weeks ago 432MB docker/welcome-to-docker latest c1f619b6477e 7 months ago 18.6MB mysql 8.0 c71276df4a87 13 months ago 565MB postgres <none> 68f5d950dcd3 19 months ago 379MB</pre>
4	<p>Create and run a container from an image with command \$ docker run -d <image-name></p> <p>Dalam kasus in perintah dapat digunakan untuk membuat container dari image</p>	<pre>wartadi@Wartadis-MacBook-Pro alta-data-engineer % docker run -d postgres c5d8b1f91f29f4dd2de78134bc9eca4256d09e23dcbd4d1a6bf6d6b7ff718053</pre> 

No	Perintah	Output
5	<p>List currently running containers with command \$ docker ps</p> <p>Perintah tersebut digunakan untuk menampilkan container yang sedang berjalan/running</p>	<pre data-bbox="1156 315 2448 454">[wartadi@Wartadis-MacBook-Pro alta-data-engineer % docker ps CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES a9dd8a6776d9 docker/welcome-to-docker "/docker-entrypoint..." 30 hours ago Up 24 seconds 0.0.0.0:8080->80/tcp flamboyant_varahamihira</pre> 
6.1	<p>Start an existing container with command \$ docker start <container_name></p> <p>Dalam kasus ini ingin menjalankan container <code>mysql_8_0</code></p>	<pre data-bbox="1156 845 2448 998">[wartadi@Wartadis-MacBook-Pro alta-data-engineer % docker start mysql_8_0 mysql_8_0 wartadi@Wartadis-MacBook-Pro alta-data-engineer %</pre> 

No	Perintah	Output																																																								
6.2	<p>Stop an existing container with command \$ docker start stop <container_name></p> <p>Dalam kasus ini ingin memberhentikan/stop container mysql_8_0</p>	<pre>wartadi@Wartadis-MacBook-Pro alta-data-engineer % docker stop mysql_8_0 mysql_8_0</pre> <div><div>Containers Give feedback</div><div>A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another. Learn more</div><div><input type="checkbox"/> Only show running containers <input type="text" value="Search"/></div><table><thead><tr><th><input type="checkbox"/></th><th>NAME</th><th>IMAGE</th><th>STATUS</th><th>PORT(S)</th><th>STARTED</th><th>ACTIONS</th></tr></thead><tbody><tr><td><input type="checkbox"/></td><td>sad_bassi 13f0fa5acd1e</td><td>redis:latest</td><td>Exited</td><td></td><td></td><td><input type="checkbox"/> ⋮ <input type="checkbox"/></td></tr><tr><td><input type="checkbox"/></td><td>quizzical_mccarthy 5d9cf0d42c27</td><td>redis:latest</td><td>Exited</td><td>8081:80</td><td></td><td><input type="checkbox"/> ⋮ <input type="checkbox"/></td></tr><tr><td><input type="checkbox"/></td><td>flamboyant_varahamihira a9dd8a6776d9</td><td>docker/welcome-to-docker:latest</td><td>Running</td><td>8080:80</td><td>15 minutes ag</td><td><input type="checkbox"/> ⋮ <input type="checkbox"/></td></tr><tr><td><input type="checkbox"/></td><td>mysql_8_0 4c34dfead512</td><td>mysql:8.0</td><td>Exited</td><td>3306:3306</td><td></td><td><input type="checkbox"/> ⋮ <input type="checkbox"/></td></tr><tr><td><input type="checkbox"/></td><td>mysql_8 24132a53ab4f</td><td>mysql:8.0</td><td>Created (128)</td><td>3306:3306 3306:33060</td><td></td><td><input type="checkbox"/> ⋮ <input type="checkbox"/></td></tr><tr><td><input type="checkbox"/></td><td>my-application-container ae82a1c98ae7</td><td>my-application:latest</td><td>Exited (137)</td><td>3000:8000</td><td></td><td><input type="checkbox"/> ⋮ <input type="checkbox"/></td></tr><tr><td><input type="checkbox"/></td><td>gracious_mccarthy c5d8b1f91f29</td><td>postgres:latest</td><td>Exited (1)</td><td></td><td></td><td><input type="checkbox"/> ⋮ <input type="checkbox"/></td></tr></tbody></table></div>	<input type="checkbox"/>	NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS	<input type="checkbox"/>	sad_bassi 13f0fa5acd1e	redis:latest	Exited			<input type="checkbox"/> ⋮ <input type="checkbox"/>	<input type="checkbox"/>	quizzical_mccarthy 5d9cf0d42c27	redis:latest	Exited	8081:80		<input type="checkbox"/> ⋮ <input type="checkbox"/>	<input type="checkbox"/>	flamboyant_varahamihira a9dd8a6776d9	docker/welcome-to-docker:latest	Running	8080:80	15 minutes ag	<input type="checkbox"/> ⋮ <input type="checkbox"/>	<input type="checkbox"/>	mysql_8_0 4c34dfead512	mysql:8.0	Exited	3306:3306		<input type="checkbox"/> ⋮ <input type="checkbox"/>	<input type="checkbox"/>	mysql_8 24132a53ab4f	mysql:8.0	Created (128)	3306:3306 3306:33060		<input type="checkbox"/> ⋮ <input type="checkbox"/>	<input type="checkbox"/>	my-application-container ae82a1c98ae7	my-application:latest	Exited (137)	3000:8000		<input type="checkbox"/> ⋮ <input type="checkbox"/>	<input type="checkbox"/>	gracious_mccarthy c5d8b1f91f29	postgres:latest	Exited (1)			<input type="checkbox"/> ⋮ <input type="checkbox"/>
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No	Perintah	Output
7	<p>Run a container with and publish a container's port(s) to the host with command \$ docker run -p <host_port>:<container_port> -d <image_name></p> <p>Perintah tersebut digunakan untuk membuat dan menjalankan container dari sebuah gambar Docker dengan port yang ditentukan.</p>	<pre data-bbox="1184 329 2423 396">[wartadi@Wartadis-MacBook-Pro alta-data-engineer % docker run -p 4000:80 -d redis d5be00e475a65203dc2922720722551b86a5ab6dd1abed4c5ab1aa3a5d09c212</pre> 
8	<p>Fetch and follow the logs of a container with command \$ docker logs -f <container_name></p> <p>Menampilkan log yang terus diperbarui dari container, memungkinkan kamu untuk memantau aktivitas container secara langsung.</p>	<pre data-bbox="1172 986 2451 1362">[wartadi@Wartadis-MacBook-Pro alta-data-engineer % docker logs -f heuristic_varahamihira 1:C 04 Jul 2024 19:23:38.136 * o00o000o000o Redis is starting o00o000o000o 1:C 04 Jul 2024 19:23:38.136 * Redis version=7.2.5, bits=64, commit=00000000, modified=0, pid=1, just started 1:C 04 Jul 2024 19:23:38.136 # Warning: no config file specified, using the default config. In order to specify a config file use redis-server /path/to/redis.conf 1:M 04 Jul 2024 19:23:38.140 * monotonic clock: POSIX clock_gettime 1:M 04 Jul 2024 19:23:38.146 * Running mode=standalone, port=6379. 1:M 04 Jul 2024 19:23:38.148 * Server initialized 1:M 04 Jul 2024 19:23:38.154 * Ready to accept connections tcp</pre>

No	Perintah	Output
9	<p>Open a shell inside a running container with command \$ docker exec -it <container_name> sh</p> <p>Perintah digunakan untuk menjalankan shell interaktif dalam container Docker yang sedang berjalan. Berikut adalah penjelasan rinci mengenai fungsi dari perintah ini.</p>	<pre> [wartadi@Wartadis-MacBook-Pro alta-data-engineer % docker exec -it heuristic_vara] hamihira sh [# echo Saya Begadang mengerjakan tugas Docker hehe Saya Begadang mengerjakan tugas Docker hehe [# ls #] </pre>

THANK YOU 😊

