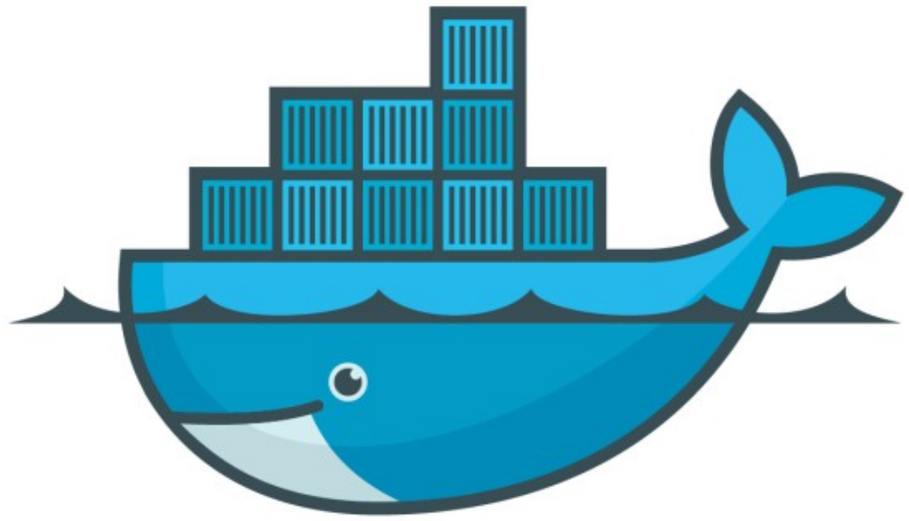

DOCKER

Health Check in Docker Services

- Health checks are exactly what they sound like - a way of checking the health of some resource.
- Docker has inbuilt functionality to check the Container Health.
- Docker health check can be applied in Docker Run Command, Docker File, Docker Service and Docker Stack.
- Docker health-check define weather the service is working or not.

- HealthCheck instruction format:
  `HEALTHCHECK [option] CMD <command>`: The command that sets the container health check.
- HEALTHCHECK instructions can check the health status when instantiating Docker containers.
- HEALTHCHECK Supports following Options:
- `--interval=<interval>`: The time interval between two health checks. The default value is 30 seconds.
- `--timeout=<interval>`: The timeout for running the health check command. The health check fails if the timeout is exceeded. The default value is 30 seconds.

- `--retries=<number of times>`: The container status is regarded as unhealthy if the health check fails continuously for a specified number of times. The default value is 3.
- `--start-period=<interval>`: The initialization time of application startup. Failed health check during the startup is not counted. The default value is 0 second.
- Verify the HEALTHCHECK of Docker Container
- Verify HEALTHCHECK of Docker Service

Will see you in Next Lecture…

See you in next lecture …