

a)

HOST

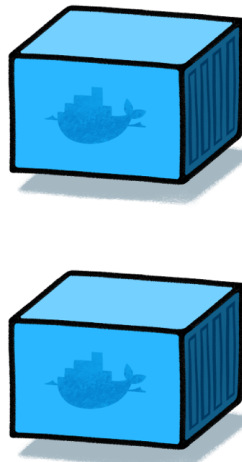
\$ docker build
\$ docker pull
\$ docker run

b)

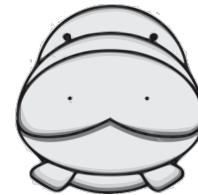
DOCKER CLIENT

Docker daemon

Containers



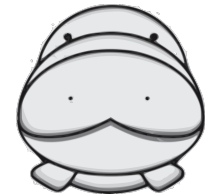
Images



DugongGUI
or
DugongCMD

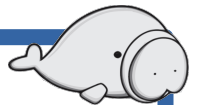
c)

Docker Hub



Dugong Image

DUGONG



+3000 softwares and
dependences for
Bioinformatics

d)

e)

Example of software installed in Dugong.
AVAILABLE IN REPOSITORY

Unipro

U GENE



Apache Taverna



Integrative
Genomics
Viewer



blast2go



mauve
Multiple Genome Alignment



Studio®



Cytoscape

