VERIFICA DOCKER

**Fase1 – installazione nano, iputils e python**

A screenshot of a computer

Description automatically generated

docker:~$ docker image inspect imgfase1

[

{

"Id": "sha256:e00499944f60111ddfe51269d6724ad2ee5af289b47fedf1fcbfe92418ab8173",

"RepoTags": [

"imgfase1:latest"

],

"RepoDigests": [],

"Parent": "sha256:1fc7af421709ea5fab40a5dcbe858ef69455ed44e7305b4a3d0c115d2d0b01a1",

"Comment": "",

"Created": "2023-05-17T10:24:04.48655437Z",

"Container": "58d47e0682ac180b14f45af59a8c5a66cbb5bd03e930ea5418a9c93366d1681d",

"ContainerConfig": {

"Hostname": "58d47e0682ac",

"Domainname": "",

"User": "",

"AttachStdin": false,

"AttachStdout": false,

"AttachStderr": false,

"Tty": false,

"OpenStdin": false,

"StdinOnce": false,

"Env": [

"PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin",

"http\_proxy=http://172.17.0.20:3128",

"https\_proxy=http://172.17.0.20:3128"

],

"Cmd": [

"/bin/sh",

"-c",

"#(nop) ",

"CMD [\"/bin/bash\"]"

],

"Image": "sha256:1fc7af421709ea5fab40a5dcbe858ef69455ed44e7305b4a3d0c115d2d0b01a1",

"Volumes": null,

"WorkingDir": "/work",

"Entrypoint": null,

"OnBuild": null,

"Labels": {}

},

"DockerVersion": "20.10.20",

"Author": "",

"Config": {

"Hostname": "",

"Domainname": "",

"User": "",

"AttachStdin": false,

"AttachStdout": false,

"AttachStderr": false,

"Tty": false,

"OpenStdin": false,

"StdinOnce": false,

"Env": [

"PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin",

"http\_proxy=http://172.17.0.20:3128",

"https\_proxy=http://172.17.0.20:3128"

],

"Cmd": [

"/bin/bash"

],

"Image": "sha256:1fc7af421709ea5fab40a5dcbe858ef69455ed44e7305b4a3d0c115d2d0b01a1",

"Volumes": null,

"WorkingDir": "/work",

"Entrypoint": null,

"OnBuild": null,

"Labels": null

},

"Architecture": "amd64",

"Os": "linux",

"Size": 60756111,

"VirtualSize": 60756111,

"GraphDriver": {

"Data": {

"LowerDir": "/var/lib/docker/overlay2/95199795fcd3e160ec0a049bdf780eafbbf63b6178a9637c6f0bb7277d2a722b/diff:/var/lib/docker/overlay2/d0ae7897f8e5f333a9bdcb44739792b32ba8ff242d8d0935a4b7f524999a3b3f/diff:/var/lib/docker/overlay2/efc192c7ca1fb4329c1c2e20aecb86813f3f920ccc4b84dc580ab4474bdf5b1c/diff:/var/lib/docker/overlay2/4989f085f8efcf5db9c190d724d89551e9ab2f67fe120e926316816f28555300/diff:/var/lib/docker/overlay2/1f69ce2a74f8034b7d7ca76ce4178646c62634290fe11c7bfc46264029adfd13/diff:/var/lib/docker/overlay2/2f2ca82f52a82117a6fa59526327e30ec8442b1c6d95ebdbc844b9f13104c06e/diff",

"MergedDir": "/var/lib/docker/overlay2/a2896ce8557f6e39cfc03de18c3aed1b5a57e9824b9ddc09dbb6a666f40c10ac/merged",

"UpperDir": "/var/lib/docker/overlay2/a2896ce8557f6e39cfc03de18c3aed1b5a57e9824b9ddc09dbb6a666f40c10ac/diff",

"WorkDir": "/var/lib/docker/overlay2/a2896ce8557f6e39cfc03de18c3aed1b5a57e9824b9ddc09dbb6a666f40c10ac/work"

},

"Name": "overlay2"

},

"RootFS": {

"Type": "layers",

"Layers": [

"sha256:f1417ff83b319fbdae6dd9cd6d8c9c88002dcd75ecf6ec201c8c6894681cf2b5",

"sha256:1c31c708a371c73a29a2c8cc7973e290b9c30fcfce0255a658b66992e09e964f",

"sha256:c8b2ef371bcef4d9de78224d283661f43085d18bba42bcb6d82cd6bf0464bdf9",

"sha256:0d29e4f316e0e949df9c297eedc3c40e7af46fb2db5837824871f189a5b50f48",

"sha256:7a5371effcfad967658d3533f6e8a7583019ca0d60bc8a4ca0813b0495b779f5",

"sha256:226ea68b0c684d4194aedf0f2cdffb80f076c8d2ab40b8b865c9ccc34949fe4c",

"sha256:ddbc34fc59294ad87e8bc4664c67729ccd53cc8e41e71fe740de16e2a3dc7298"

]

},

"Metadata": {

"LastTagTime": "2023-05-17T12:24:04.517963234+02:00"

}

}

]

A screenshot of a computer program

Description automatically generated with medium confidence

A picture containing text, screenshot, font, black

Description automatically generated

**Fase2 – Flask**

Prova applicazione flask

A screen shot of a computer

Description automatically generated with low confidence

Creazione volume

A black background with white text

Description automatically generated with low confidence

Esecuzione del container



A computer screen with white text

Description automatically generated with low confidence

docker:~/verificafase2$ docker image inspect imgfase2

[

{

"Id": "sha256:7d32548964a2782fdd9fc5f4615b4a8cb8a1efeb8f5a17d431a431799fef1d17",

"RepoTags": [

"imgfase2:latest"

],

"RepoDigests": [],

"Parent": "sha256:becdce3810737789b85332b3f162940fa2eb6f837ec7b0a5d6a2000516131ea1",

"Comment": "",

"Created": "2023-05-17T11:40:28.376218511Z",

"Container": "3c4077fb06c266f246d4e603d4d9329865d9d20ebbdbd96c39f99fee592a9141",

"ContainerConfig": {

"Hostname": "3c4077fb06c2",

"Domainname": "",

"User": "",

"AttachStdin": false,

"AttachStdout": false,

"AttachStderr": false,

"Tty": false,

"OpenStdin": false,

"StdinOnce": false,

"Env": [

"PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin",

"http\_proxy=http://172.17.0.20:3128",

"https\_proxy=http://172.17.0.20:3128"

],

"Cmd": [

"/bin/sh",

"-c",

"#(nop) ",

"CMD [\"/bin/sh\" \"-c\" \"python3 -m flask --app prova.py run --host 0.0.0.0\"]"

],

"Image": "sha256:becdce3810737789b85332b3f162940fa2eb6f837ec7b0a5d6a2000516131ea1",

"Volumes": null,

"WorkingDir": "/work",

"Entrypoint": null,

"OnBuild": null,

"Labels": {}

},

"DockerVersion": "20.10.20",

"Author": "",

"Config": {

"Hostname": "",

"Domainname": "",

"User": "",

"AttachStdin": false,

"AttachStdout": false,

"AttachStderr": false,

"Tty": false,

"OpenStdin": false,

"StdinOnce": false,

"Env": [

"PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin",

"http\_proxy=http://172.17.0.20:3128",

"https\_proxy=http://172.17.0.20:3128"

],

"Cmd": [

"/bin/sh",

"-c",

"python3 -m flask --app prova.py run --host 0.0.0.0"

],

"Image": "sha256:becdce3810737789b85332b3f162940fa2eb6f837ec7b0a5d6a2000516131ea1",

"Volumes": null,

"WorkingDir": "/work",

"Entrypoint": null,

"OnBuild": null,

"Labels": null

},

"Architecture": "amd64",

"Os": "linux",

"Size": 87006678,

"VirtualSize": 87006678,

"GraphDriver": {

"Data": {

"LowerDir": "/var/lib/docker/overlay2/9c0bd76c0becaaa5f8a7725f64a39b08dc001788c11cd4c7a555577128a62454/diff:/var/lib/docker/overlay2/9b8794842f9380ffe97b4901e5aac88503fba2cf6db2d7ef636efd6c46d31c79/diff:/var/lib/docker/overlay2/e9b8f8ee5a76b6f2988f32b079a660dee246eb06ebf996f65135de13c2f75e57/diff:/var/lib/docker/overlay2/a2896ce8557f6e39cfc03de18c3aed1b5a57e9824b9ddc09dbb6a666f40c10ac/diff:/var/lib/docker/overlay2/95199795fcd3e160ec0a049bdf780eafbbf63b6178a9637c6f0bb7277d2a722b/diff:/var/lib/docker/overlay2/d0ae7897f8e5f333a9bdcb44739792b32ba8ff242d8d0935a4b7f524999a3b3f/diff:/var/lib/docker/overlay2/efc192c7ca1fb4329c1c2e20aecb86813f3f920ccc4b84dc580ab4474bdf5b1c/diff:/var/lib/docker/overlay2/4989f085f8efcf5db9c190d724d89551e9ab2f67fe120e926316816f28555300/diff:/var/lib/docker/overlay2/1f69ce2a74f8034b7d7ca76ce4178646c62634290fe11c7bfc46264029adfd13/diff:/var/lib/docker/overlay2/2f2ca82f52a82117a6fa59526327e30ec8442b1c6d95ebdbc844b9f13104c06e/diff",

"MergedDir": "/var/lib/docker/overlay2/2285d1aa77f1230a7f8c4fa2b800c2f6b3517b8575e6886ec7c999e4ea7b983a/merged",

"UpperDir": "/var/lib/docker/overlay2/2285d1aa77f1230a7f8c4fa2b800c2f6b3517b8575e6886ec7c999e4ea7b983a/diff",

"WorkDir": "/var/lib/docker/overlay2/2285d1aa77f1230a7f8c4fa2b800c2f6b3517b8575e6886ec7c999e4ea7b983a/work"

},

"Name": "overlay2"

},

"RootFS": {

"Type": "layers",

"Layers": [

"sha256:f1417ff83b319fbdae6dd9cd6d8c9c88002dcd75ecf6ec201c8c6894681cf2b5",

"sha256:1c31c708a371c73a29a2c8cc7973e290b9c30fcfce0255a658b66992e09e964f",

"sha256:c8b2ef371bcef4d9de78224d283661f43085d18bba42bcb6d82cd6bf0464bdf9",

"sha256:0d29e4f316e0e949df9c297eedc3c40e7af46fb2db5837824871f189a5b50f48",

"sha256:7a5371effcfad967658d3533f6e8a7583019ca0d60bc8a4ca0813b0495b779f5",

"sha256:226ea68b0c684d4194aedf0f2cdffb80f076c8d2ab40b8b865c9ccc34949fe4c",

"sha256:ddbc34fc59294ad87e8bc4664c67729ccd53cc8e41e71fe740de16e2a3dc7298",

"sha256:1d0114df84b088d1bf1b3f3270d07dba0ee9fd15dfd6f210357973b2af83d55d",

"sha256:f1fc76e47db9536390b80578e7aa1fd289b5792e4472fc12461fcec2d899241a",

"sha256:0e3a882dcb75d1f1b7e6704c42e1cec75cfe60fa41f7dce47c293301eaf421df",

"sha256:588cedf0a500667b979230de690544164b2252144d5c5083ae17bff044b6fd08"

]

},

"Metadata": {

"LastTagTime": "2023-05-17T13:40:28.411031744+02:00"

}

}

]

Dockerfile

A screenshot of a computer screen

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Description automatically generated with low confidence