

# QuickStart

- create the folder for your compose file
- create the compose file
  - add in any log paths to map under /config/proxy\_logs volume
  - add a mount to the docker socke

## docker-compose.yml

```
services:
  docker_automation:
    image: pknw1/docker_automation
    container_name: docker_automation
    environment:
      - VIRTUAL_HOST=docker_automation.tld.com
      - VIRTUAL_PORT=5000
      - TZ=Europe/Paris
    ports:
      - 0.0.0.0:5555:5000
    networks:
      - proxy
      - admin
    volumes:
      - ./config:/config
      - /var/log/npm:/config/proxy_logs/npm
      - /etc/localtime:/etc/localtime:ro
      - /var/run/docker.sock:/var/run/docker.sock
    restart: unless-stopped

networks:
  proxy:
    external: true
  admin:
    external: true
```

create config/app.ini from example

### config/app.ini

```
[config]
app_name=Docker Automation
logs_folder=config/proxy_logs/
logs_folder_postfix=access.log
log_file=config/app_logs/docker_automation.log
check_containers_interval=30
proxy_logs_timeformat=%d/%b/%Y:%H:%M:%S +0000
proxy_container_timeformat=%d/%b/%Y:%H:%M:%S +0000

[admin]
username=admin
admin_api_key=1234

[www]
home=enabled

[ntfy_notifications]
enabled=true
topic="channel"
```

create config/services.ini basic from example

### config/services.ini

```
[bookstack]
enabled = true
name = Bookstack
info = Info
max_idle = 60
```

```
checks = container, proxy_logs, proxy_container, all_logs
proxy_container = internal_proxy,
containers = bookstack, bookstack-mysql
urls = bookstack.notflix.pknw1.co.uk, bookstack.admin.pknw1.co.uk
proxy_logs = proxymanager/proxy-host-77_access.log,proxymanager-admin/proxy-host-3_access.log
```

```
[service-name]
enabled = <true|false>
name = service-name
info = info info info info info info info info info info info info info info info info
max_idle = 99
checks = <container|proxy_logs|proxy_container|all_logs>
proxy_container = <internal_proxy_container_to check STDOUT>,
containers = container_name, container_name2
urls = service.tld.com, service-admin.tld.com
proxy_logs = proxymanager/proxy-host-1_access.log,proxymanager-admin/proxy-host-1_access.log
```

```
[service-name]
enabled = [must be enabled or not - only enabled services will be checked]
name = [service-name]
info = [info displayed on user WebUI]
max_idle = [maximum time (in minutes) that we allow services to show no access/log activity before we stop containers]
checks = [ checks can be enabled or disabled here]
proxy_container = <internal_proxy_container_to check STDOUT>,
containers = [any containers either required for specific app operation, or containers that comprise part of a larger ecosystem]
urls = [any URL that can access the apps]
proxy_logs = [the proxy manager logs to search for activity - the path should be how to locate the file from the docker /config/proxy_logs folder]
```

start the container with docker compose up -d

```
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a
production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://149.202.72.112:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 100-852-284
```

check app running via <http://0.0.0.0:5555>

---

Revision #2

Created 2025-09-25 00:49:52 CEST by pknw1

Updated 2025-09-25 01:36:47 CEST by pknw1