

# dox

## Abstract

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DRAFT - incomplete doc

## Requisites

- a linux server
- an apache server with php enabled
- gcc
- bash
- root access
- should I mention a running dockerd

## Installation example

- `git clone to /opt/dox`
- `apache : alias /dox/ (URL) to /opt/dox/publish/dox/ (FS)`
- `create proxying user : sudo adduser dockerlogs`
- `add user to docker group \`
- `sudo visudo -f /etc/sudoers.d/dockerlogs`

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- change BDIR value in `/opt/dox/bin/dox` to match installation directory
- add/remove regexps in `dox-regexp.txt` to allow/disallow docker WS accesses

## **Request processing**

Supposing the request is to be sent at `https://docker-host.bzh/dox`, like in `https://docker-host.bzh/dox/version` \* the apache `.htaccess` rewrite the request to `dox.php` \* the actual Docker WS path is extracted \* and passed to `dox` bash script. The `-x` parameter tells `dox` bash script to output the correct content-type \* `dox` check if the WS is allowed \* if yes call the actual Docker WS \* if the WS is tagged as “stream” it uses the `demux` tool to output a plain text file (for logs for example)

## **Particularity**

There are a few differences between the genuine API and the proxied ones.