

Logs

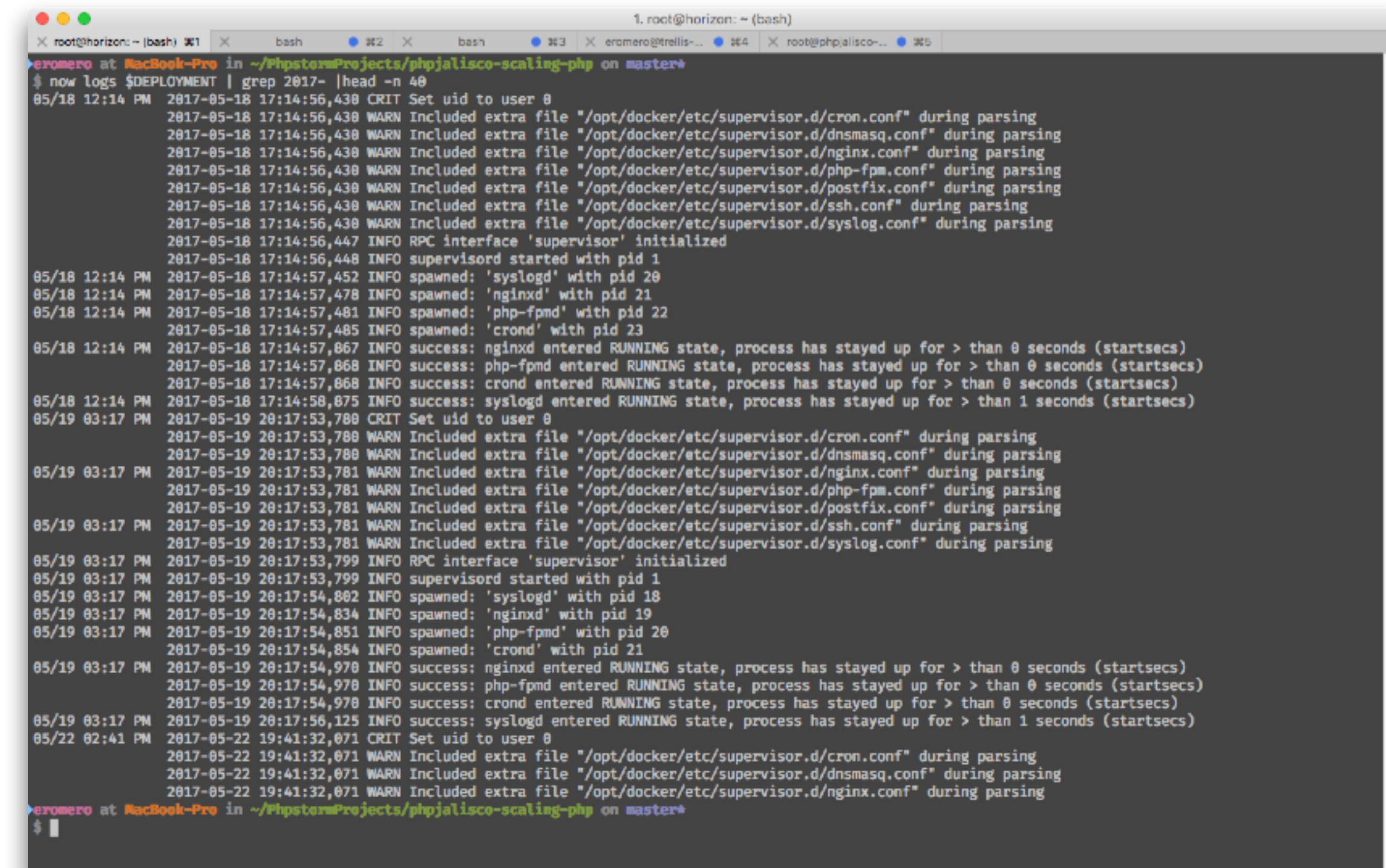
Scaling Php /

Treat logs as event streams

~10 FACTOR PHP APP

Centralize your logs to a external service.

- Use [Monolog](#)
- Log to [ElasticSearch](#) or [FluentD](#)



```
1. root@horizon: ~ (bash)
X root@horizon: ~ (bash) X1 X bash X2 X bash X3 X eromero@trellis-... X4 X root@php.alisco-... X5
eromero at MacBook-Pro in ~/PhpstormProjects/phpjaisco-scaling-php on master*
$ now logs $DEPLOYMENT | grep 2017- | head -n 40
05/18 12:14 PM 2017-05-18 17:14:56,430 CRIT Set uid to user 0
2017-05-18 17:14:56,430 WARN Included extra file "/opt/docker/etc/supervisor.d/cron.conf" during parsing
2017-05-18 17:14:56,430 WARN Included extra file "/opt/docker/etc/supervisor.d/dnsmasq.conf" during parsing
2017-05-18 17:14:56,430 WARN Included extra file "/opt/docker/etc/supervisor.d/nginx.conf" during parsing
2017-05-18 17:14:56,430 WARN Included extra file "/opt/docker/etc/supervisor.d/php-fpm.conf" during parsing
2017-05-18 17:14:56,430 WARN Included extra file "/opt/docker/etc/supervisor.d/postfix.conf" during parsing
2017-05-18 17:14:56,430 WARN Included extra file "/opt/docker/etc/supervisor.d/ssh.conf" during parsing
2017-05-18 17:14:56,430 WARN Included extra file "/opt/docker/etc/supervisor.d/syslog.conf" during parsing
2017-05-18 17:14:56,447 INFO RPC interface 'supervisor' initialized
2017-05-18 17:14:56,448 INFO supervisord started with pid 1
05/18 12:14 PM 2017-05-18 17:14:57,452 INFO spawned: 'syslogd' with pid 20
05/18 12:14 PM 2017-05-18 17:14:57,478 INFO spawned: 'nginx' with pid 21
05/18 12:14 PM 2017-05-18 17:14:57,481 INFO spawned: 'php-fpm' with pid 22
2017-05-18 17:14:57,485 INFO spawned: 'cron' with pid 23
05/18 12:14 PM 2017-05-18 17:14:57,867 INFO success: nginx entered RUNNING state, process has stayed up for > than 0 seconds (startsecs)
2017-05-18 17:14:57,868 INFO success: php-fpm entered RUNNING state, process has stayed up for > than 0 seconds (startsecs)
2017-05-18 17:14:57,868 INFO success: cron entered RUNNING state, process has stayed up for > than 0 seconds (startsecs)
05/18 12:14 PM 2017-05-18 17:14:58,875 INFO success: syslogd entered RUNNING state, process has stayed up for > than 1 seconds (startsecs)
05/19 03:17 PM 2017-05-19 20:17:53,780 CRIT Set uid to user 0
2017-05-19 20:17:53,780 WARN Included extra file "/opt/docker/etc/supervisor.d/cron.conf" during parsing
2017-05-19 20:17:53,780 WARN Included extra file "/opt/docker/etc/supervisor.d/dnsmasq.conf" during parsing
05/19 03:17 PM 2017-05-19 20:17:53,781 WARN Included extra file "/opt/docker/etc/supervisor.d/nginx.conf" during parsing
2017-05-19 20:17:53,781 WARN Included extra file "/opt/docker/etc/supervisor.d/php-fpm.conf" during parsing
2017-05-19 20:17:53,781 WARN Included extra file "/opt/docker/etc/supervisor.d/postfix.conf" during parsing
05/19 03:17 PM 2017-05-19 20:17:53,781 WARN Included extra file "/opt/docker/etc/supervisor.d/ssh.conf" during parsing
2017-05-19 20:17:53,781 WARN Included extra file "/opt/docker/etc/supervisor.d/syslog.conf" during parsing
05/19 03:17 PM 2017-05-19 20:17:53,799 INFO RPC interface 'supervisor' initialized
2017-05-19 20:17:53,799 INFO supervisord started with pid 1
05/19 03:17 PM 2017-05-19 20:17:54,802 INFO spawned: 'syslogd' with pid 18
05/19 03:17 PM 2017-05-19 20:17:54,834 INFO spawned: 'nginx' with pid 19
2017-05-19 20:17:54,851 INFO spawned: 'php-fpm' with pid 20
2017-05-19 20:17:54,854 INFO spawned: 'cron' with pid 21
05/19 03:17 PM 2017-05-19 20:17:54,970 INFO success: nginx entered RUNNING state, process has stayed up for > than 0 seconds (startsecs)
2017-05-19 20:17:54,970 INFO success: php-fpm entered RUNNING state, process has stayed up for > than 0 seconds (startsecs)
2017-05-19 20:17:54,970 INFO success: cron entered RUNNING state, process has stayed up for > than 0 seconds (startsecs)
05/19 03:17 PM 2017-05-19 20:17:56,125 INFO success: syslogd entered RUNNING state, process has stayed up for > than 1 seconds (startsecs)
05/22 02:41 PM 2017-05-22 19:41:32,071 CRIT Set uid to user 0
2017-05-22 19:41:32,071 WARN Included extra file "/opt/docker/etc/supervisor.d/cron.conf" during parsing
2017-05-22 19:41:32,071 WARN Included extra file "/opt/docker/etc/supervisor.d/dnsmasq.conf" during parsing
2017-05-22 19:41:32,071 WARN Included extra file "/opt/docker/etc/supervisor.d/nginx.conf" during parsing
eromero at MacBook-Pro in ~/PhpstormProjects/phpjaisco-scaling-php on master*
$
```



Admin processes

Scaling Php /

Run admin/management tasks as one-off processes

~10 FACTOR PHP APP

Run management tasks from the CLI (Database migrations, Admin scripts)

- WP CLI
- Laravel Artisan
- Cake's Shell Tasks
- Bash scripts from the repo
- Ansible Playbooks

```
1. eromero@ip-172-25-10-62: /srv/www/tigercms.dev.wize.engineering/current (ssh)
X root@horizon: ~ (bash) %1 X bash %2 X bash %3 X eromero@ip-172-25... %4 X root@phpjalisco-sca... %5
eromero@ip-172-25-10-62 [22:24:13]> ls -l
total 12
lrwxrwxrwx 1 root root 49 May 24 23:43 current -> releases/6d0dbd805c0c33e77a064bd897dec171540897fb
drwxr-xr-x 6 root root 4096 May 24 20:12 deploy-cache
drwxr-xr-x 2 www-data www-data 4096 May 21 06:25 logs
drwxr-xr-x 12 root root 4096 May 24 23:43 releases
eromero@ip-172-25-10-62 [22:24:19]> cd current
eromero@ip-172-25-10-62 [22:24:20]> wp user list
+-----+-----+-----+-----+-----+
| ID | user_login | display_name | user_email | user_registered | roles |
+-----+-----+-----+-----+-----+
| 6 | aglae | aglae | [REDACTED] | 2017-04-25 01:36:33 | administrator |
| 4 | ale | ale | [REDACTED] | 2017-04-24 21:12:49 | administrator |
| 7 | david.nunez | david.nunez | [REDACTED] | 2017-04-25 14:20:52 | administrator |
| 8 | eder.diaz | eder.diaz | [REDACTED] | 2017-04-25 15:14:31 | administrator |
| 9 | eduardo.romero | eduardo.romero | [REDACTED] | 2017-04-25 15:16:14 | administrator |
| 11 | jesus.alvarez | jesus.alvarez | [REDACTED] | 2017-04-28 21:53:32 | administrator |
| 3 | lizeth.heredia | lizeth.heredia | [REDACTED] | 2017-04-24 20:35:57 | administrator |
| 10 | omar.verduzco | omar.verduzco | [REDACTED] | 2017-04-25 15:16:22 | administrator |
| 2 | rafael | rafael | [REDACTED] | 2017-04-24 19:09:55 | administrator |
| 12 | testuser | testuser | [REDACTED] | 2017-05-25 18:17:49 | administrator |
| 1 | wordpress | wordpress | [REDACTED] | 2017-04-14 00:12:01 | administrator |
+-----+-----+-----+-----+-----+
eromero@ip-172-25-10-62 [22:24:28]> 
```

