

Kapitel 1

Refactoring PHP diff

```
diff -uNr -X diffignore ../B03800_05_code/diffignore ./diffignore
--- ../B03800_05_code/diffignore      1970-01-01  01:00:00.000000000  +0100
+++ ./diffignore      2016-04-01  08:49:17.390879114  +0200
@@ -0,0 +1,9 @@
+itory
+*.md
+WordPress.*
+*.md
+texput.log
+.vagrant
+*meta*
+*.diff
+*~
diff -uNr -X diffignore ../B03800_05_code/Makefile ./Makefile
--- ../B03800_05_code/Makefile  2016-03-21  20:11:19.802242755  +0100
+++ ./Makefile  2016-04-01  08:50:50.598883021  +0200
@@ -81,4 +81,7 @@

all: odt revealjs html pdf_single pdf_multi

+diff:
+  diff -uNr -X diffignore ../B03800_05_code/ ./ > Loops-und-PHP.diff
+
.PHONY: odt revealjs pdf_single pdf_multi html all
Binärdateien ../B03800_05_code/MySQL_und_Nginx.pmd.pdf und ./
MySQL_und_Nginx.pmd.pdf sind verschieden.
diff -uNr -X diffignore ../B03800_05_code/projects/group_vars/all ./
projects/group_vars/all
--- ../B03800_05_code/projects/group_vars/all      2016-03-21
20:11:20.982242790  +0100
+++ ./projects/group_vars/all      2016-03-21  20:11:20.974242789  +0100
@@ -1,2 +1,20 @@
#filename: group_vars/all
mysql_bind:  "{{ ansible_eth0.ipv4.address }}"
+mysql:
```

```

+   databases:
+     fifalive:
+       state: present
+     fifanews:
+       state: present
+   users:
+     fifa:
+       pass: supersecure1234
+       host: '%'
+       priv: ' *.*:ALL '
+       state: present
+nginx:
+  phpsites:
+    fifanews:
+      name: fifanews.com
+      port: 8080
+      doc_root: /var/www/fifanews
diff -uNr -X diffignore ../B03800_05_code/projects/roles/mysql/tasks/
    configure.yml ./projects/roles/mysql/tasks/configure.yml
--- ../B03800_05_code/projects/roles/mysql/tasks/configure.yml
    2016-03-21 20:11:20.978242789 +0100
+++ ./projects/roles/mysql/tasks/configure.yml    2016-03-21
    20:11:20.970242789 +0100
@@ -4,4 +4,21 @@
     template: src="my.cnf.j2" dest="{{ mysql['config']['cnfpath'] }}"
        mode=0644
    notify:
        - restart mysql service
-
+
+ - name: create mysql databases
+   mysql_db:
+     name: "{{ item.key }}"
+     state: "{{ item.value.state }}"
+     with_dict: "{{ mysql['databases'] }}"
+
+ - name: create mysql users
+   mysql_user:
+     name: "{{ item.key }}"
+     host: "{{ item.value.host }}"
+     password: "{{ item.value.pass }}"
+     priv: "{{ item.value.priv }}"
+     state: "{{ item.value.state }}"
+     with_dict: "{{ mysql['users'] }}"
+
diff -uNr -X diffignore ../B03800_05_code/projects/roles/nginx/tasks/
    configure.yml ./projects/roles/nginx/tasks/configure.yml
--- ../B03800_05_code/projects/roles/nginx/tasks/configure.yml
    2016-03-21 20:11:20.978242789 +0100

```

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+++ ./projects/roles/nginx/tasks/configure.yml 2016-03-21
    20:11:20.966242789 +0100
@@ -6,3 +6,10 @@
- name: create home page for default site
  copy: src=index.html dest=/usr/share/nginx/html/index.html

+ - name: create php virtual hosts
+   template:
+     src: php_vhost.j2
+     dest: /etc/nginx/conf.d/{{ item.key }}.conf
+     with_dict: "{{ nginx['phpsites'] }}"
+     notify:
+       - restart nginx service
diff -uNr -X diffignore ../B03800_05_code/projects/roles/nginx/templates
    /php_vhost.j2 ./projects/roles/nginx/templates/php_vhost.j2
--- ../B03800_05_code/projects/roles/nginx/templates/php_vhost.j2
    1970-01-01 01:00:00.000000000 +0100
+++ ./projects/roles/nginx/templates/php_vhost.j2 2016-03-21
    20:11:20.966242789 +0100
@@ -0,0 +1,21 @@
+#{ ansible_managed }}
+
+server {
+    listen    {{ item.value.port }};
+
+    location / {
+        root    {{ item.value.doc_root }};
+        index   index.php;
+    }
+
+    location ~ .php$ {
+        fastcgi_split_path_info ^(.+\.(php|php5))$;
+        fastcgi_pass    backend;
+        fastcgi_index   index.php;
+        fastcgi_param   SCRIPT_FILENAME    {{ item.value.doc_root }}
+            $fastcgi_script_name;
+        include fastcgi_params;
+    }
+}
+upstream backend {
+    server 127.0.0.1:9000;
+}
diff -uNr -X diffignore ../B03800_05_code/projects/roles/php5-fpm/
    defaults/main.yml ./projects/roles/php5-fpm/defaults/main.yml
--- ../B03800_05_code/projects/roles/php5-fpm/defaults/main.yml
    1970-01-01 01:00:00.000000000 +0100
+++ ./projects/roles/php5-fpm/defaults/main.yml 2016-03-21
    20:11:20.966242789 +0100
@@ -0,0 +1,16 @@
+---
+
+filename: roles/php5-fpm/defaults/main.yml

```

```

+ # defaults file for php5-fpm
+ php5:
+   packages:
+     - php5-common
+     - php5-curl
+     - php5-mysql
+     - php5-cli
+     - php5-gd
+     - php5-mcrypt
+ #     - php5-suhosin
+     - php5-memcache
+     - php5-fpm
+   service:
+     name: php5-fpm
diff -uNr -X diffignore ../B03800_05_code/projects/roles/php5-fpm/
    handlers/main.yml ../projects/roles/php5-fpm/handlers/main.yml
--- ../B03800_05_code/projects/roles/php5-fpm/handlers/main.yml
    1970-01-01 01:00:00.000000000 +0100
+++ ../projects/roles/php5-fpm/handlers/main.yml 2016-03-21
    20:11:20.962242789 +0100
@@ -0,0 +1,5 @@
+---
+ # filename: roles/php5-fpm/handlers/main.yml
+ # handlers file for php5-fpm
+- name: restart php5-fpm service
+ service: name="{{ php5['service']['name'] }}" state=restarted
diff -uNr -X diffignore ../B03800_05_code/projects/roles/php5-fpm/tasks/
    install.yml ../projects/roles/php5-fpm/tasks/install.yml
--- ../B03800_05_code/projects/roles/php5-fpm/tasks/install.yml
    1970-01-01 01:00:00.000000000 +0100
+++ ../projects/roles/php5-fpm/tasks/install.yml 2016-03-21
    20:11:20.054242763 +0100
@@ -0,0 +1,17 @@
+ # filename: roles/php5-fpm/tasks/install.yml
+ #   - name: Add an Apt signing key,
+ #     apt_key:
+ #       id: B12D0447319F1ADB
+ #       url: https://sektioneins.de/files/repository.asc
+ #       state: present
+
+ #   - name: /etc/apt/sources.list for Ubuntu trusty (stable) (amd64 only
+ )
+ #     apt_repository:
+ #       repo: 'deb http://repo.suhosin.org/ ubuntu-trusty main'
+
+   - name: install php5-fpm and family
+   apt:
+     name: "{{ item }}"
+     with_items: php5.packages
+     notify:
+       - restart php5-fpm service

```

```

diff -uNr -X diffignore ../B03800_05_code/projects/roles/php5-fpm/tasks/
    main.yml ./projects/roles/php5-fpm/tasks/main.yml
--- ../B03800_05_code/projects/roles/php5-fpm/tasks/main.yml
    1970-01-01 01:00:00.000000000 +0100
+++ ./projects/roles/php5-fpm/tasks/main.yml      2016-03-21
    20:11:20.962242789 +0100
@@ -0,0 +1,9 @@
+---
+#filename: roles/php5-fpm/tasks/main.yml
+# tasks file for php5-fpm
+- include_vars: "{{ ansible_os_family }}"
+  when: ansible_os_family != 'Debian'
+
+- include: install.yml
+- include: service.yml
+
diff -uNr -X diffignore ../B03800_05_code/projects/roles/php5-fpm/tasks/
    service.yml ./projects/roles/php5-fpm/tasks/service.yml
--- ../B03800_05_code/projects/roles/php5-fpm/tasks/service.yml
    1970-01-01 01:00:00.000000000 +0100
+++ ./projects/roles/php5-fpm/tasks/service.yml 2016-03-21
    20:11:20.962242789 +0100
@@ -0,0 +1,6 @@
+#filename: roles/php5-fpm/tasks/service.yml
+# manage php5-fpm service
+- name: start php5-fpm service
+  service:
+    name: "{{ php5['service']['name'] }}"
+    state: started
diff -uNr -X diffignore ../B03800_05_code/projects/roles/php5-fpm/vars/
    main.yml ./projects/roles/php5-fpm/vars/main.yml
--- ../B03800_05_code/projects/roles/php5-fpm/vars/main.yml 1970-01-01
    01:00:00.000000000 +0100
+++ ./projects/roles/php5-fpm/vars/main.yml 2016-03-21
    20:11:20.962242789 +0100
@@ -0,0 +1,2 @@
+---
+# vars file for php5-fpm
diff -uNr -X diffignore ../B03800_05_code/projects/www.yml ./projects/
    www.yml
--- ../B03800_05_code/projects/www.yml      2016-03-21 20:11:20.974242789
    +0100
+++ ./projects/www.yml      2016-03-21 20:11:20.958242789 +0100
@@ -6,6 +6,7 @@
-   - shell: echo 'I':" Beginning to configure web server..'
  roles:
-   - { role: nginx, when: ansible_os_family == 'Debian' }
+   - php5-fpm
+   - wordpress
  post_tasks:
-   - shell: echo 'I':" Done configuring nginx web server...'

```

