

Deploy node.js apps

Different ways...

jenkins

What is jenkins?



Continuous Integration

Execute shell script on host(s)

```
cd /home/facebook.com/base/ && \  
git fetch --all && \  
git reset --hard origin/staging && \  
git submodule update --init && \  
sh Box/Database.sh && \  
rm -vrf Web/Cache
```


chef

What is chef?



OPSCODE
CODE CAN

Configuration management

Manual...

```
# facebook.com source
git "#{user_home}/data" do
  repository "ssh://git@bitbucket.org/alappe/facebook.com.git"
  reference "live"
  enable_submodules true
  user user_name
  group group_name
end
```

```
# upstart config
template "/etc/init/facebook.conf" do
  source 'facebook-upstart.erb'
  owner 'root'
  group 'root'
  mode 00644
  variables(
    :home => "#{user_home}/data",
    :user_name => user_name,
    :group_name => group_name
  )
end
```

```
# enable node.js service
service "facebook" do
  provider Chef::Provider::Service::Upstart
  supports :restart => true, :status => true
  action [:enable, :start]
end
```

```
# facebook.com deps
execute "update npm packages" do
  cwd "#{user_home}/data"
  user user_name
  group group_name
  command "npm install"
  notifies :restart, "service[facebook]"
end
```


The Deploy Resource

```
deploy_revision "#{user_home}/data" do
  repo 'ssh://git@bitbucket.org/alappe/facebook.com.git'
  migrate false
  purge_before_symlink %w{one two folder/three}
  create_dirs_before_symlink []
  symlinks(
    "one"    => "one",
    "two"    => "two",
    "three"  => "folder/three"
  )
  before_restart do
    # some Ruby code
  end
  notifies :restart, "service[facebook]"
  notifies :restart, "service[somethingElse]"
end
```

- <http://docs.opscode.com/chef/resources.html#deploy>

Callbacks, DB-Migration etc.

Combine their powers...

