Prodiguer Server – v0.4.0.0 Deployment Notes

1. Shut down system

1.1. Shut down MQ server
prodiguer-mq-daemons-kill

1.2. Shut down WEB server
prodiguer-web-daemons-kill
nginx stop

2. Back up system

2.1. Back up DB server

2.1.1. Take VM snapshot

2.1.2. Backup config files
cp /opt/prodiguer/ops/config SOMEWHERE_ON_THE_MACHINE

2.1.3. Backup pgres database
prodiguer-db-pgres-backup

2.2. Back up MQ server

2.2.1. Take VM snapshot

2.2.2. Backup config files
cp /opt/prodiguer/ops/config SOMEWHERE_ON_THE_MACHINE

2.2.3. Backup log files
cp /opt/prodiguer/ops/logs/mq SOMEWHERE_ON_THE_MACHINE

2.3. Back up WEB server

2.3.1. Take VM snapshot

2.3.2. Backup config files
cp /opt/prodiguer/ops/config SOMEWHERE_ON_THE_MACHINE

2.3.3. Backup log files
cp /opt/prodiguer/ops/logs/web SOMEWHERE_ON_THE_MACHINE

3. DB server deployment

3.1. Update source
prodiguer-stack-update-source

3.2. Update aliases
source /opt/prodiguer/aliases.sh

3.3. Bootstrap environment variables
prodiguer-stack- bootstrap-environment-variables

3.4. Edit environment variables - definitions are [here](#)
vi $HOME/.prodiguer_server

3.5. Verify bash settings
vi $HOME/.bash_profile

3.6. Update config
prodiguer-stack-update-config

3.7. Update virtual environments
prodiguer-stack-update-venvs

3.8. Migrate pgres database to new schema
prodiguer-db-pgres-migrate

3.9. Reset controlled vocabulary table.
prodiguer-db-pgres-cv-table-reset

4. MQ server deployment

4.1. Update source
prodiguer-stack-update-source

4.2. Update aliases
source /opt/prodiguer/aliases.sh

4.3. Bootstrap environment variables
prodiguer-stack- bootstrap-environment-variables

4.4. Edit environment variables - definitions are [here](#)
vi $HOME/.prodiguer_server

4.5. Verify bash settings
vi $HOME/.bash_profile

4.6. Update config
mkdir -p $PRODIGUER_HOME/ops/daemons/mq
prodiguer-stack-update-config
rm /opt/prodiguer/ops/config/mq-supervisord.conf

4.7. Update virtual environments
prodiguer-stack-update-venvs

4.8. Update RabbitMQ broker definitions

4.8.1. Open admin UI
Navigate to: http://prodiguer-test-mq.ipsl.fr:15672/#

4.8.2. Import new definitions
- Expand the 'Import / export definitions' panel
- Click 'Upload broker definitions' button
- Select file: /opt/prodiguer/templates/config/mq-rabbit.json

4.8.3. Notify me
I will then verify that all is good (i.e. I may need to delete obsolete queue bindings)

4.9. Purge debug queues
prodiguer-mq-purge-debug-queues

5. WEB server deployment

5.1. Update source
prodiguer-stack-update-source

5.2. Update aliases
source /opt/prodiguer/aliases.sh

5.3. Bootstrap environment variables
prodiguer-stack- bootstrap-environment-variables

5.4. Edit environment variables - definitions are [here](#)
vi $HOME/.prodiguer_server

5.5. Verify bash settings
vi $HOME/.bash_profile

5.6. Update config
mkdir -p $PRODIGUER_HOME/ops/daemons/web
prodiguer-stack-update-config
rm /opt/prodiguer/ops/config/web-supervisord.conf

5.7. Update virtual environments
prodiguer-stack-update-venvs

6. System Restart

6.1. Restart WEB server
prodiguer-web-daemons- init
nginx start

6.2. Restart MQ server
prodiguer-mq-daemons-init