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| **OC Pizza Company**  **Information Management System**  Program Roll Out Procedure  Version 1.0 |
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# Versions

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# Introduction

## Document purpose

This document details the program roll out procedure for the OC Pizza Company Information Management System application.

The main objective is to detail the roll out procedures used in the start-up of the OC Pizza Company IMS back end database

## References

For further information, please refer to:

1. **TF - 1**: Technical file for the application

# Pre-requisites

## System

### Database Server

Database server hosting the Xxxx database schema/base(s)

#### Technical specifications

### Web Server

Physical or virtual server hosting the web application

#### Technical specifications

### Batch Server

### File Server

## Databases

The following databases and schema must be accessible and up to date:

* **MySQL** version XXX

## Web services

The following web services must accessible et up to date:

* **…:** version XXX

## Other Resources

...

# Roll-out procedure

## Batch Roll-out

### Artifacts

The Xxx application batches are built as a ZIP archive containing the following folders:

* **bin**: the SH scripts for running the various batches
* **conf**: configuration files
* **...**: ...

Unzip the **XXX.zip** archive in folder:

**/xxx/yyy**

Allow exploitation rights on the batch run SH scripts.

….

### Environment variable

These are the environment variables recognized by the XXX application batches

|  |  |  |
| --- | --- | --- |
| Name | Obligatory | Description |
| XXX\_HOME | no | Root directory for the installation of the application |
|  |  |  |

Set the necessary environment variables as follows:

...

### Configuration

These are the various configuration folders:

* **xxx.yyy**: log configuration folder
* **zzz.ttt**: application configuration folder
* **aaa**: XXX resource configuration folder
* ...

#### Xxx.yyy folder

…

#### Zzz.ttt folder

...

#### Folder...

### Resources

...

### Verifications

In order to check that the batches are running correctly, follow these steps:

## Roll-out of Web Application

### Artifacts

...

### Web application environment

#### Environment variables

The JOnAS application server must be executed with the following environment variable set at start up. This is necessary in order to retrieve the directory that contains the application configuration folders:

**-Dcom.ocpizza.apps.conf=$home\_application\_conf\_directory**

INFO: there must not be a “ / “ at the end of the variable value and no spaces must be used in the path.

### Application configuration directory

The application configuration directory must be created in the folder system and set as follows:

**$home\_application\_conf\_directory/applicationX**

… configuration folders…:

* ...

#### Xxx.yyy folder

...

### Datasources

Accesses to the databases must be configured with folders…

The **postgresql (postgresql-9.2.x.)** driver folder must be deposited in the directory:

**$home\_server/lib/ext**

...

### Resources

...

### Verifications

In order to check that the application roll-out is correct, follow these steps:

# Start/Shutdown procedure

## Database

## Batches

## Web application

# Update procedure

## Database

## Batches

## Web application

# Supervision/Monitoring

## Web application supervision

In order to test that the web application is still functional, follow these steps:

# Backup and restore procedure

# Glossary

|  |  |
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