

TECHSOLCOM



The “Continuous Integration” solution for your IT projects

Replication Guide

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1. Preamble

1.1. NOTICE

- ▶ The reader must have a basic knowledge of the 3rd party technologies being used by Beebox.

1.2. COORDINATES OF AUTHORS

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3. Target Audience

The reader must have a good knowledge of the **Beebox** application

4. Introduction

Beebox offers standardization and automation of the different stages of development processes. Ex: Configuration, Compilation, Deployment, Tests and much more!



Beebox is installed on a single or multiple servers where the information is managed and centralized. This permits component reuse and greatly helps with the management of resources.

5. Replicating Beebox

Beebox is the central element and access point of the web interface. The console is responsible for executing builds, communicating with remote agents and executing deployment and test tasks.

5.1. DIRECTORY STRUCTURE

Here's an example of the Beebox directory structure. We will be using this structure to explain how replicate the elements of Beebox. Please note that the directory structure of the "base" release is recursive.

Structure	Directory	Description
home	home	Root of the profiles
base	base	Default release
agents	agents	Root of the agents
localhost	localhost	Localhost agent
localwas	localwas	An agent. Ex: «localwas »
builds	builds	Root of the release level builds
deploys	deploys	Root of the release level deployments
logs	logs	Root of the journals
modules	modules	Root of the release projects
Bank_Test1	Bank_Test1	Example Project: Bank_Test1
BeeBank	BeeBank	Example Project: BeeBank
builds	builds	Root of builds for project: BeeBank
deploys	deploys	Root of deployments for project: BeeBank
modules	modules	Root of modules for project : BeeBank
schedules	schedules	Root of schedules for project : BeeBank
testsequences	testsequences	Root of tests for project: BeeBank
workflows	work	Root of sequences for project: BeeBank
bengwt	bengwt	Example project: bengwt
dge4	dge4	Example project: dge4
evo	evo	Example project: evo
plugins	plugins	Root of release plugins for beebox
providers	providers	Root of external data for release
releases	releases	Root of sub-releases
schedules	schedules	Root of release level schedules
security	security	Root of security configurations
testsequences	testsequences	Root of release level tests
workflows	work	Root of release level sequences
soft	soft	Root of external applications
src	src	Root of tasks

5.2. COMPLETELY REPLICATING BEEBOX

To replicate Beebox, you only need to delete the directories « home,soft, src » from the destination and copying them from the source.

5.3. REPLICATING A BEEBOX AGENT

Let us take for example « localwas ». To replicate it, we must simply delete the directory: « home/base/agents/localwas » from the destination and recopying it from the source.

5.4. REPLICATING A BEEBOX PROJECT

Let us take for example the project « BeeBank ». To replicate it, we must simply delete the directory: « home/base/modules/BeeBank » from the destination and recopying it from the source.

5.5. REPLICATING A BEEBOX ELEMENT

It's possible to replicate any element of beebox. To do so, we must simply delete the directory from the destination and recopying it from the source. You need only choose the elements you wish (refer to example 5.1)