

Universidad
Rey Juan Carlos

Master's in Free Software

Academic year 2013/2014

Final Project

*Migrations to Free and Open
Source Software
Motivations, Planning and Case Studies*

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Goals:

To explore the migration from proprietary software (CSS) to Free and Open source software (FLOSS).

Objectives

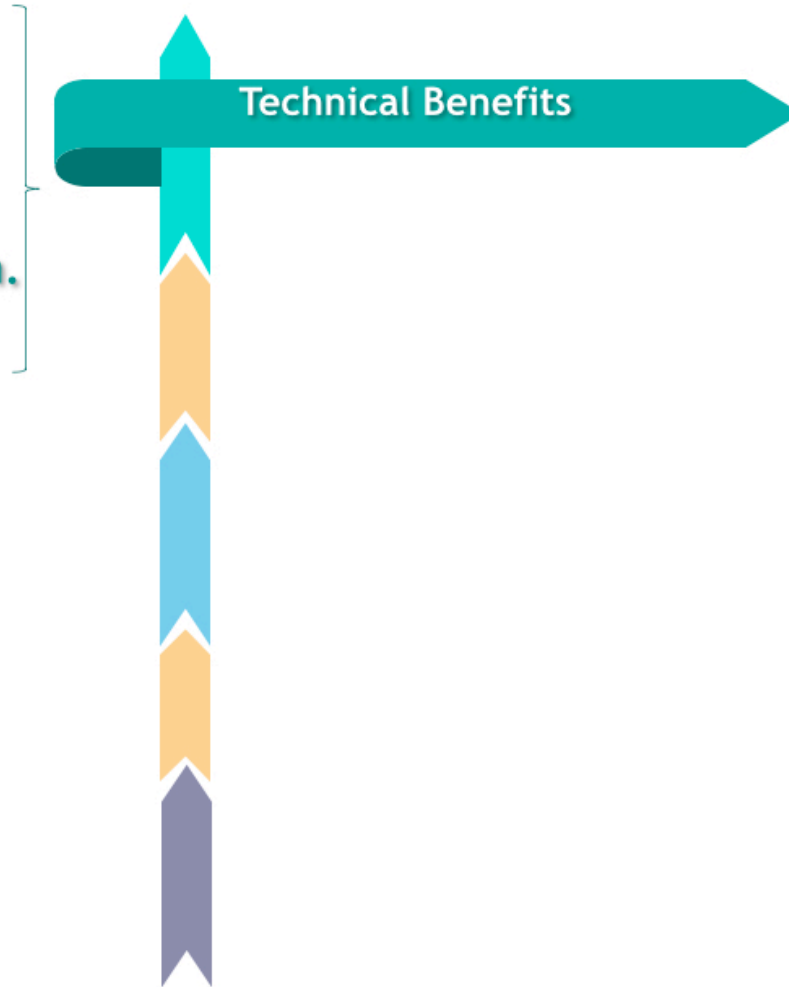
- Determine obstacles in the migration process.
- Explore case studies.
- Determine the best method for migration.
- Develop a plan for successful migration to FLOSS.
- Discover the main reasons why individuals and organizations are attracted to FLOSS by examine the technical, economic, and social benefits of FLOSS.

Outline:

- **Goals and Objective.**
- **Motivation for using FLOSS.**
- **Migration plan.**
- **Obstacles.**
- **Case of study.**
- **Conclusion.**

Motivation for using $FLOSS$

- Reliability.
- Auditability.
- Stability.
- Security.
- Flexibility and Freedom.
- Allows Localization.

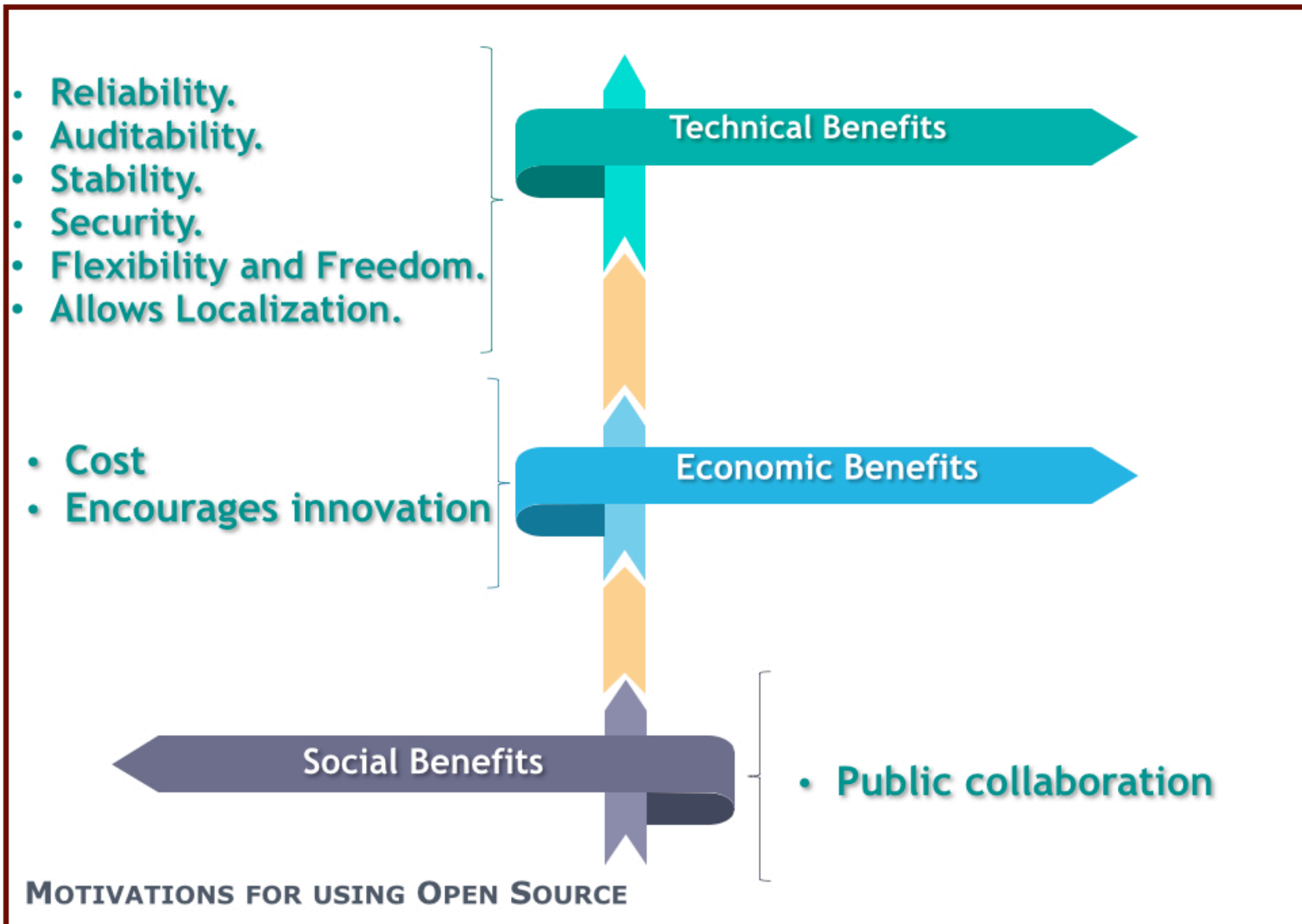


- **Reliability.**
- **Auditability.**
- **Stability.**
- **Security.**
- **Flexibility and Freedom.**
- **Allows Localization.**

- **Cost**
- **Encourages innovation**

Technical Benefits

Economic Benefits



Migration plan

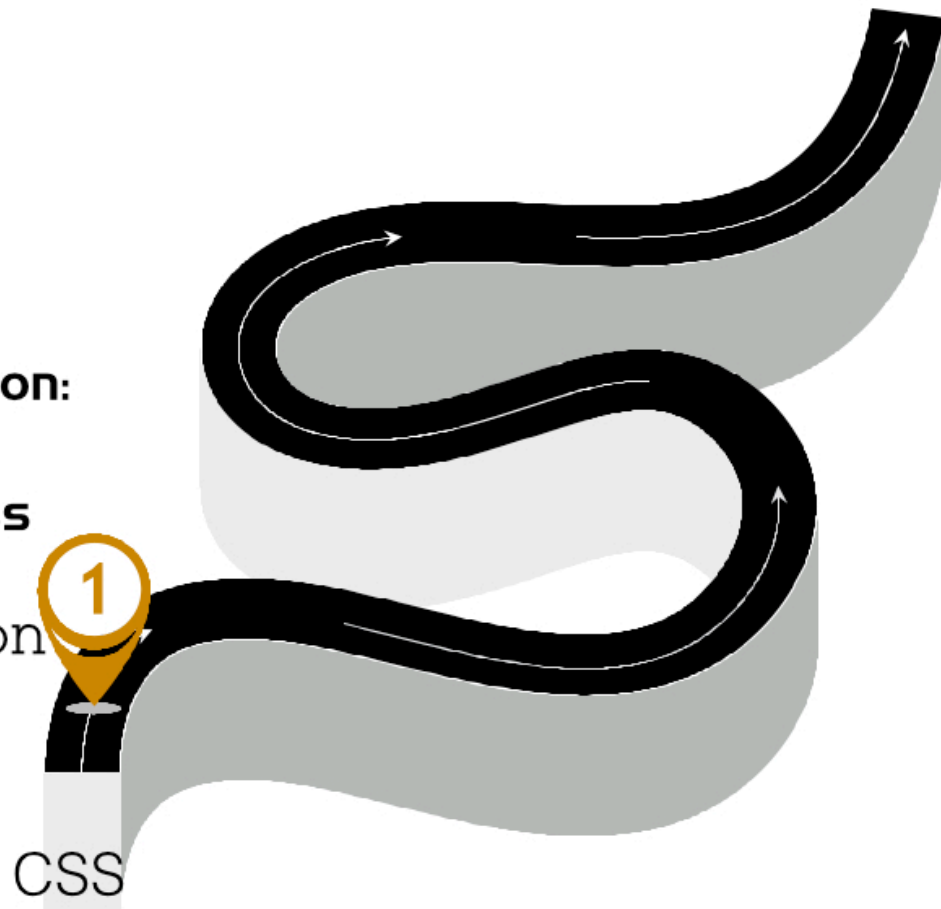
Migration Plan

FLOSS

First phase: Pre-migration:

Organizational Readiness

- Gathering information
- Awareness raising
- Training



Migration Plan

FIRST PHASE: PRE-MIGRATION:

A. ORGANIZATIONAL READINESS

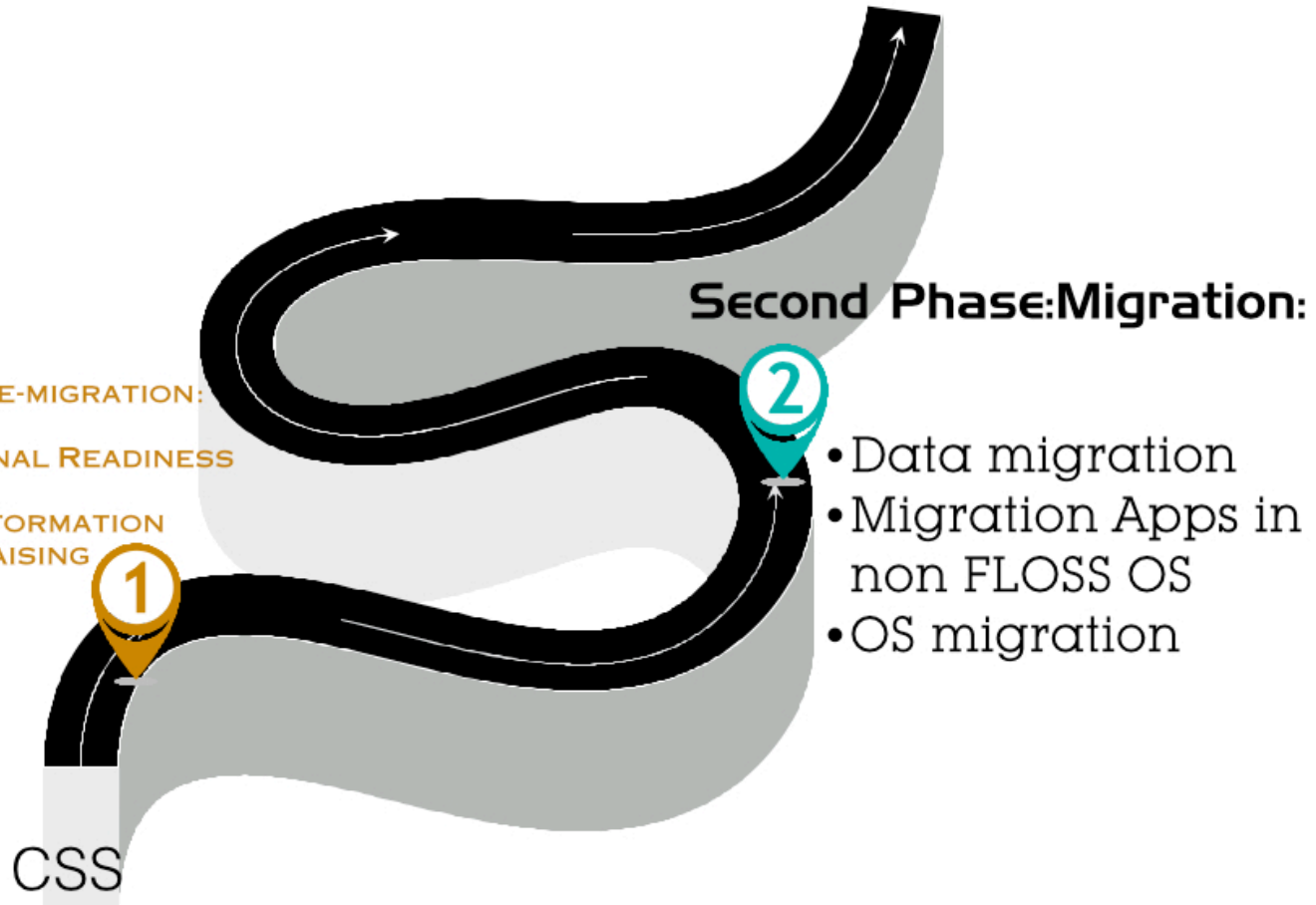
- GATHERING INFORMATION
- AWARENESS RAISING
- TRAINING

CSS

Second Phase: Migration:

- Data migration
- Migration Apps in non FLOSS OS
- OS migration

FLOSS



Migration Plan

Third Phase: Migration Implementation and Maintenance

- Supporting.
- Evaluation.

FIRST PHASE: PRE-MIGRATION:

A. ORGANIZATIONAL READINESS

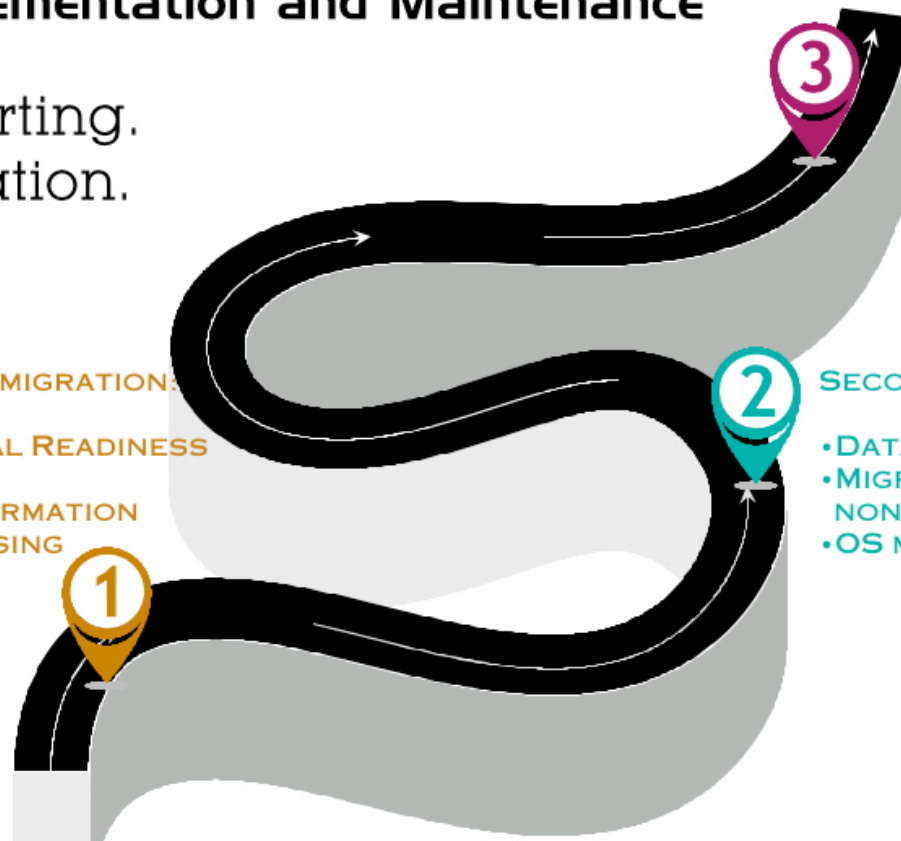
- GATHERING INFORMATION
- AWARENESS RAISING
- TRAINING

SECOND PHASE: MIGRATION:

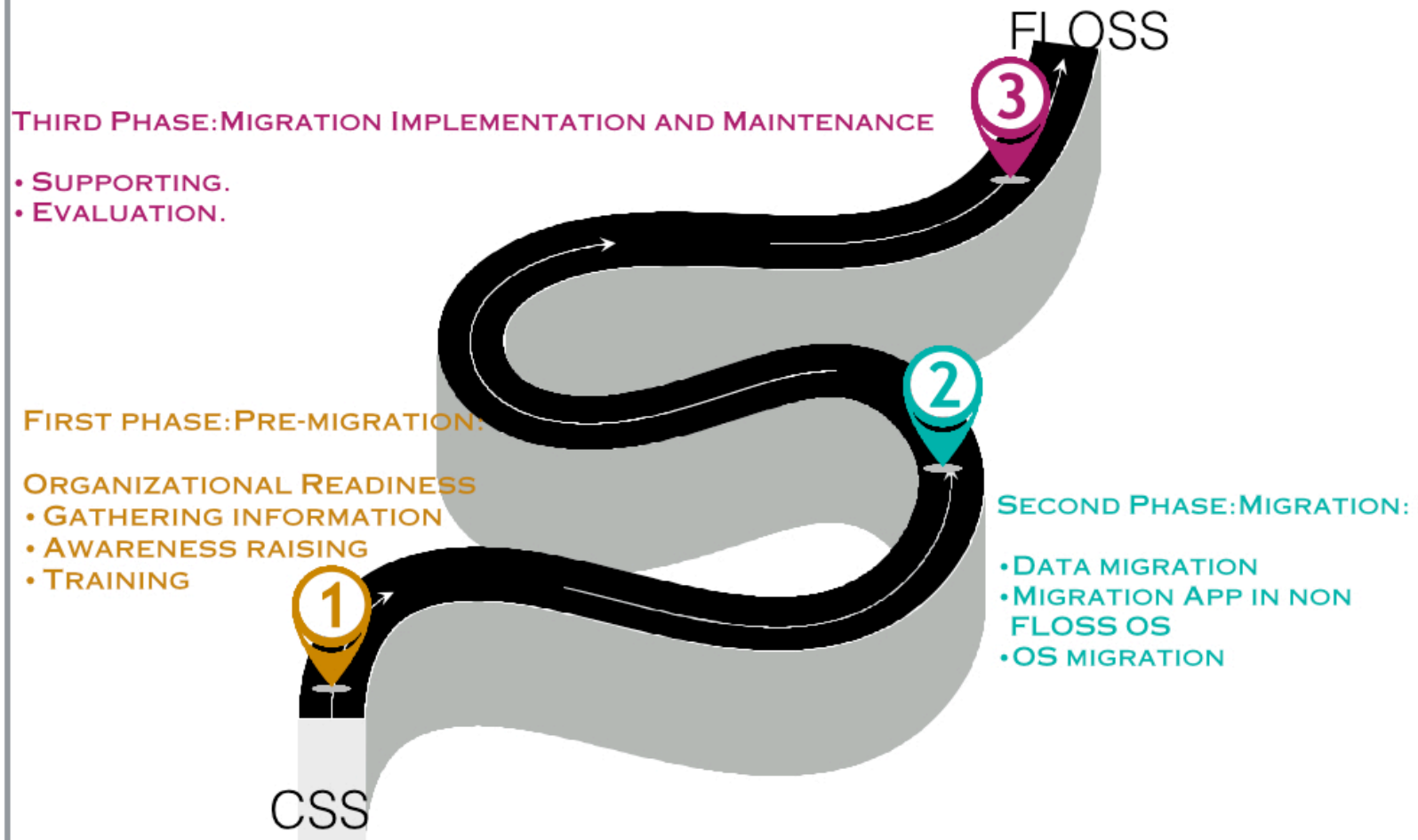
- DATA MIGRATION
- MIGRATION APPLICATION OF NON OPEN SOURCE OS
- OS MIGRATION

CSS

FLOSS



Migration Plan



Obstacles that face migration

TECHNICAL ISSUES

COMPATIBILITY

SUPPORT AND TRAINING

TRUE COST OF OPEN SOURCE

LACK OF KNOWLEDGE OF IMPLEMENTATION AND MAINTENANCE

OBSTACLES THAT FACE MIGRATION

Next Steps

- Future work .
- Lessons learned.

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Thank You

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