

artist

Advanced software-based seRvice provisioning and migraTion of legacy SofTware

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Challenges

Challenges faced while migrating legacy software to a cloud delivery model:

- The decision whether to migrate their existing products or to start from scratch;
- The estimation of the impact and effort required to implement the modernization of a system is difficult and uncertain;
- Time-to-market is critical. Therefore the software development cycles need to change;
- High requirements for specialized skills due to a low degree of process automation.

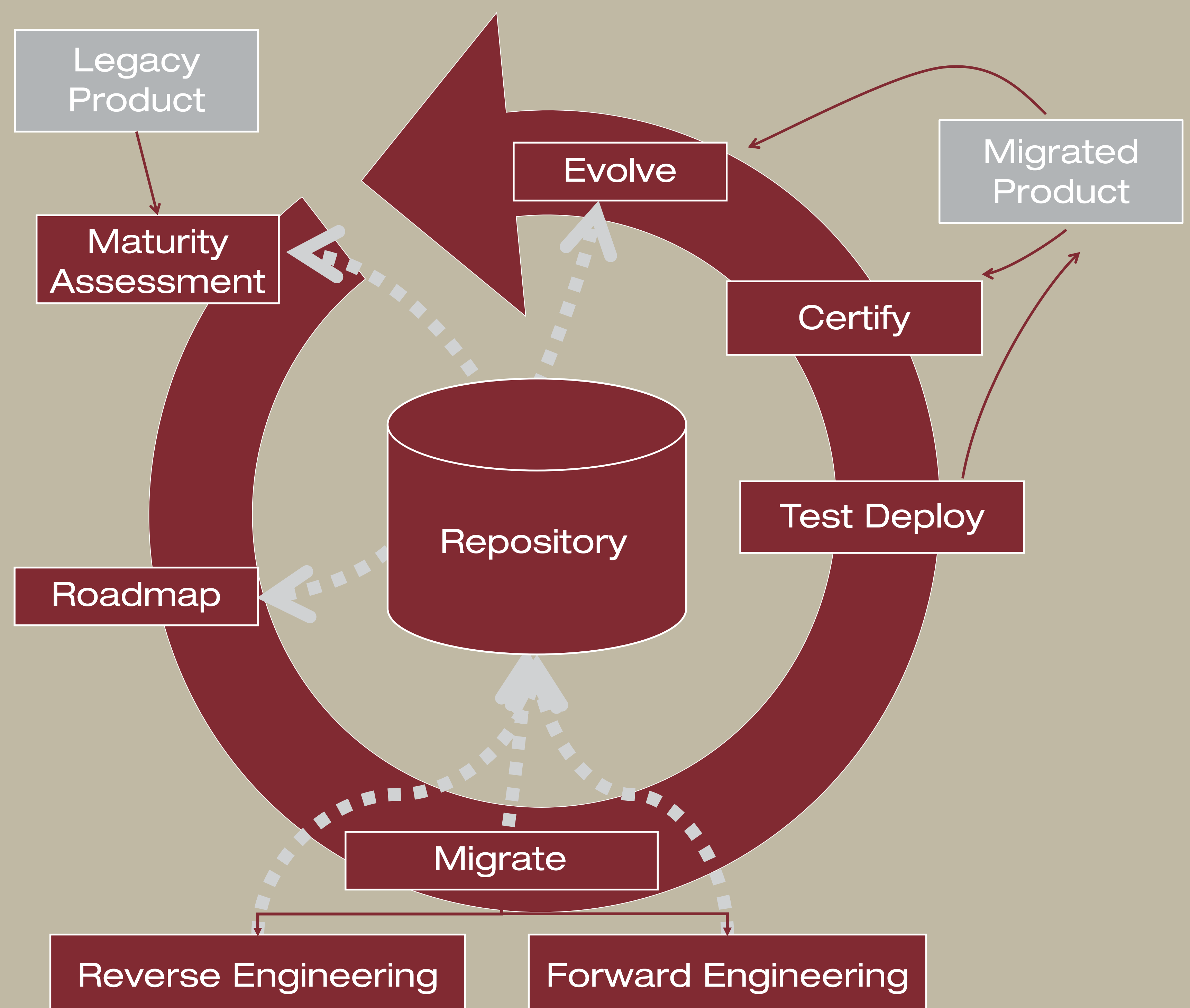
Approach

ARTIST creates tools

- to assess, plan, design, implement and validate the automated evolution of legacy software to SaaS and the Cloud Computing delivery model,
- and focuses on reusability during this transition, the methods and tools are generic enough to cover future shifting efforts, e.g. deployment to future platform delivery paradigms.

Outcomes

- innovative and combined technical and business analysis on the maturity and prospect of the legacy application;
- large scale model-based approach for representing the source and target applications as well as infrastructures/platforms;
- a unified performance modelling framework;
- reusable (modelling) artefacts produced during the migration process through the usage of a repository;
- an integrated certification model for Cloud application providers.



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