

AgileKip PAP: Bridging Business and IT with Open-Source Process Automation

Ulisses Telemaco¹

Tales Paiva¹

Paulo Alencar¹

¹Cheriton School of Computer Science/University of Waterloo

Keywords

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Abstract

This half-day tutorial is ideal for software engineers, IT professionals, and business analysts interested in leveraging open-source tools for Process Automation.

It will introduce participants to the AgileKip Process Automation Platform, an open-source solution designed to enhance Business Process Management (BPM) and bridge the gap between business and IT.

The session will begin with a concise overview of Business Process Model and Notation (BPMN) and Decision Model and Notation (DMN), discussing its significance and extended usability in modern business environments.

Following this, we will explore the critical role of Business Process Management Systems (BPMS) in unifying business operations and IT, with a focus on how AgileKip exemplifies these capabilities.

Attendees will gain hands-on experience with the AgileKip Platform through practical demonstrations and real-world use cases, showcasing its adaptability and effectiveness in various business contexts.

Theme, Goals, and Relevance

The AgileKip Process Automation Platform represents a significant step forward in the realm of open-source Business Process Management (BPM) solutions.

As organizations increasingly seek to automate and optimize their business processes, there is a growing demand for tools that are not only powerful but also accessible and adaptable to various environments.

This tutorial aims to address this demand by equipping CASCON participants with the knowledge and skills to effectively utilize the AgileKip Platform.

The goals of this tutorial are threefold:

1. **Education:** To provide a foundation in Business Process Model and Notation (BPMN) and Decision Model and Notation (DMN), and the role of BPMS in modern

business environments, ensuring that participants understand the theoretical underpinnings of process automation.

2. **Demonstration:** To showcase the capabilities of the AgileKip Platform through detailed demonstrations, highlighting how it can be applied to real-world scenarios.
3. **Engagement:** To encourage active participation and collaboration among attendees, fostering a deeper understanding of how Process Automation solutions like AgileKip can be integrated into their organizations.

The relevance of this tutorial lies in its focus on bridging the often-disparate worlds of business and IT.

By providing a platform that can be easily customized and deployed across various industries, AgileKip enables organizations to streamline their operations and improve overall efficiency.

The success of this tutorial will be measured by the participants' ability to comprehend the concepts discussed, as well as their engagement with the platform during and after the session.

Tutorial Structure

The tutorial will be structured into four main segments, each designed to progressively build on the participants' knowledge and skills:

1. **Introduction to BPMN & DMN and Extended Usability (45 minutes):**
This segment will cover the basics of BPMN and DMN, its importance in modeling business processes and business rules, and how its usability can be extended to meet specific organizational needs. The session will include a brief overview of BPMN and DMN core elements and real-world examples to illustrate its application.
2. **BPMS: Bridging Business and IT (45 minutes):**
This segment will focus on the role of a modern BPMS in aligning business processes with IT infrastructure. We will discuss the challenges and opportunities in this area, with a particular emphasis on how AgileKip addresses these issues.
3. **Hands-on Demonstration of AgileKip Platform (60 minutes):**
Participants will be guided through the AgileKip Platform, exploring its features and capabilities. This segment will include interactive demonstrations, allowing attendees to engage directly with the platform and understand its practical applications.
4. **Use Cases and Interactive Discussion (45 minutes):**
The final segment will present several use cases where the AgileKip platform has been successfully implemented. Participants will be encouraged to share their thoughts and ideas, fostering a collaborative environment where they can discuss potential applications of the platform within their own organizations.

Each segment is designed to be interactive, with ample opportunities for participants to ask questions and engage with the material.

This format will ensure that attendees leave the tutorial with a comprehensive understanding of both the theoretical and practical aspects of the AgileKip Process Automation Platform.