Intermediate Report on:
Pretix Cluster Deployment & Management

Filipe Pires [85122], João Alegria [85048]

Computational Infrastructures Management

Department of Electronics, Telecommunications and Informatics

University of Aveiro

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Introduction

This report aims to describe the work developed for the ...

All code developed is publicly accessible in our GitHub repository:

`https://github.com/FilipePires98/GIC.`

1 Pretix Ticketing Software

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1.1 Our Product

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1.2 Use Case Scenario

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2   Clustering Strategy

2.1   Architecture

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2.2   Distribution

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2.3   Deployment

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3 Current Cluster Performance

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3.1 Benchmarking

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3.2 Bottlenecks

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4 Additional Remarks

4.1 Planning Phase 2

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4.2 Documentation

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4.3 Assignment Contributions

Regarding the work distribution amongst developers, a close-contact strategy was defined where each worked on a cluster component or piece of software according to a predefined plan. The cluster strategy and respective details were decided in conjunction, as well as the key objectives and tasks to be achieved before the final delivery deadline. ... were also implemented collectively.

Nevertheless, some relatively independent task distribution was defined: ... Bug and error solving was made along the development phase by both developers any time it was required.

Once performance benchmarking and bottleneck identification were completed, this report and the code documentation became our primary concern, with both contributing equally.

Conclusions

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References

1. João Paulo Barraca, *GIC: Practical Assignment no.1*, University of Aveiro, 2019/20.