Question Answering and Chatbots

5.2th Practical exercise – Qanary Framework

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Hochschule Anhalt

Anhalt University of Applied Sciences

Plan for today

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- Review the task for the Exercise 5.2;

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- Demo Session;

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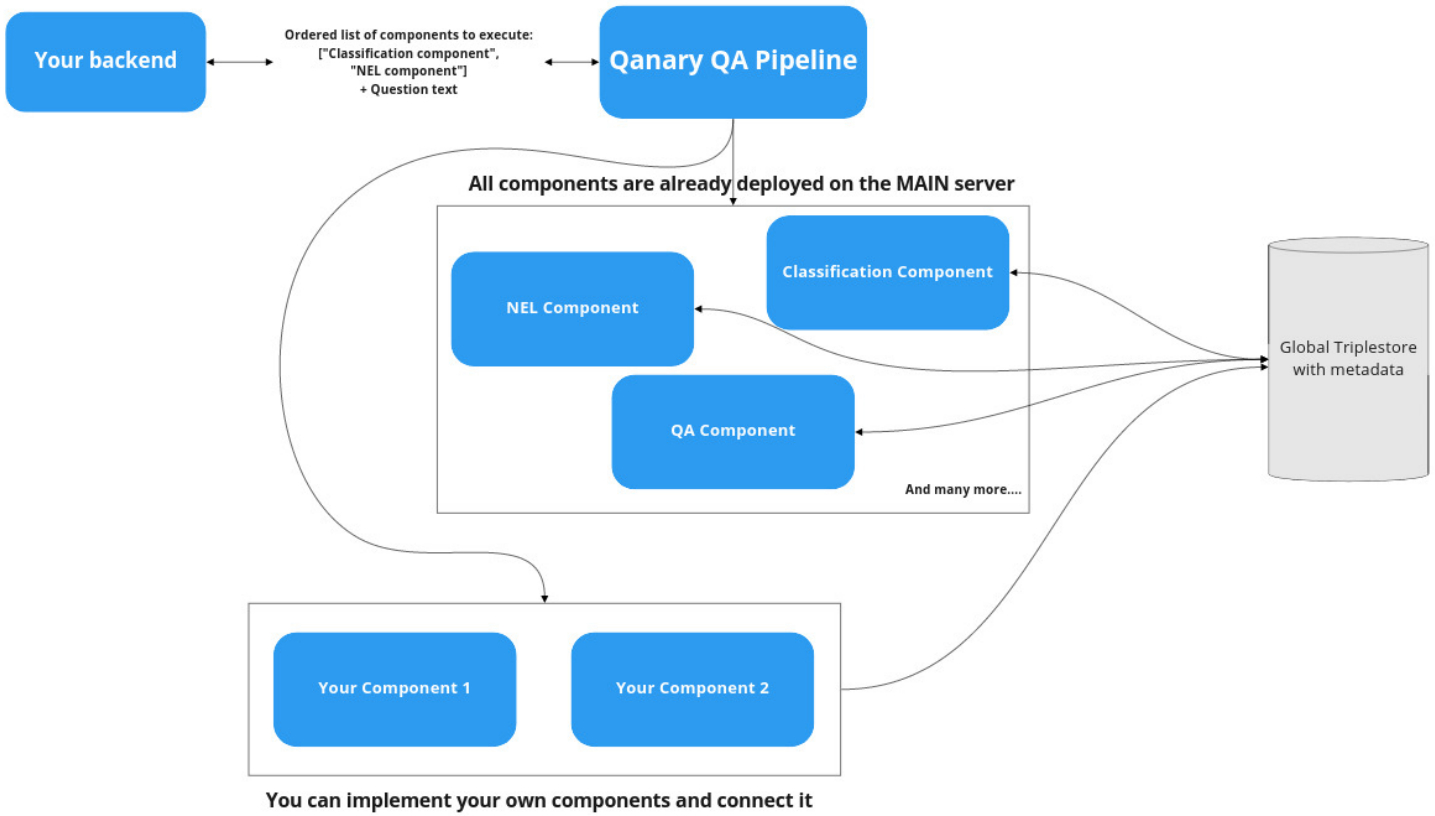
- Questions;
- Introduction to the Exercise 6 (Tests).

Exercise 5.2 – the Task



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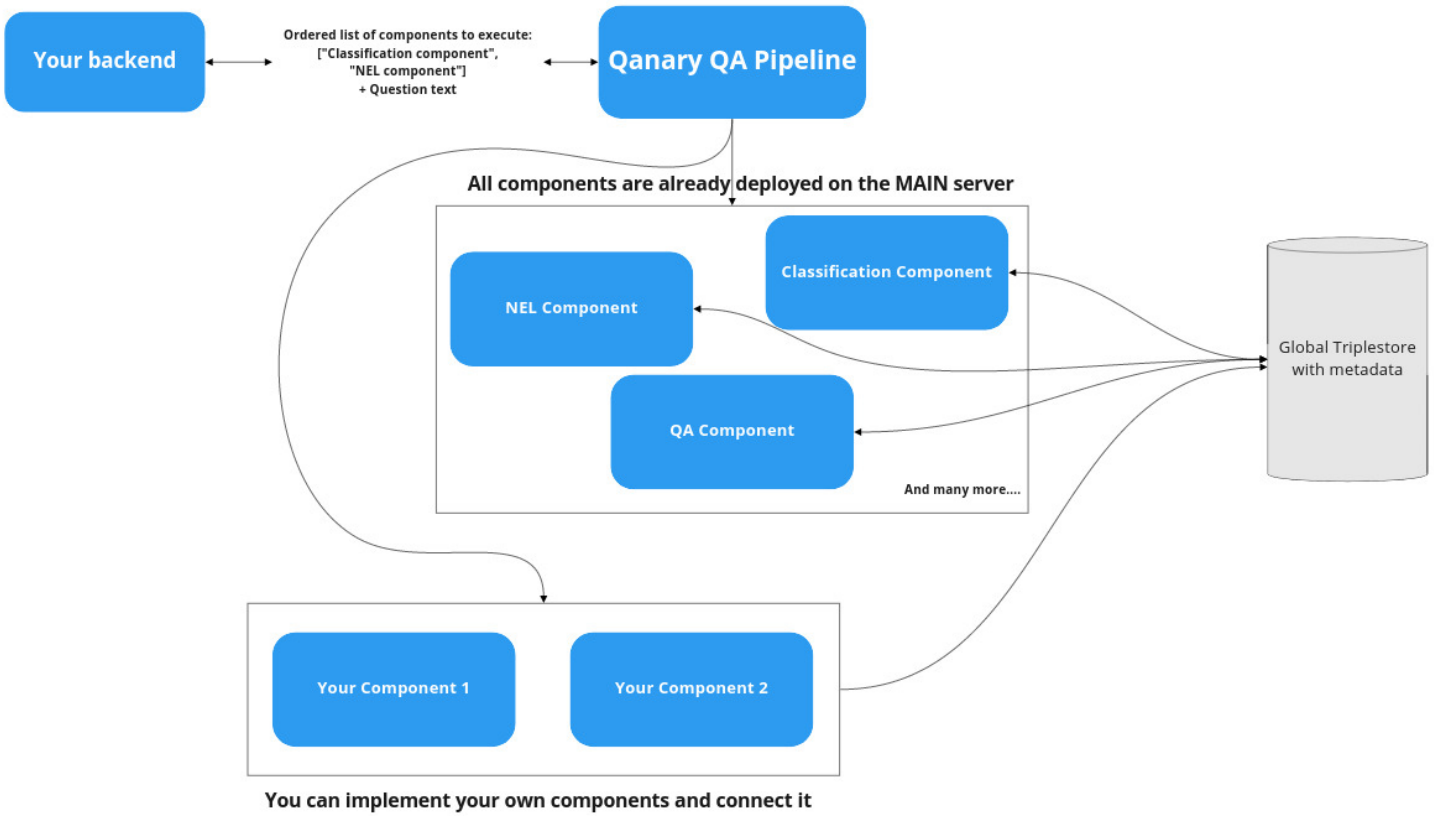

- Integrate the Qanary framework into the Backend;

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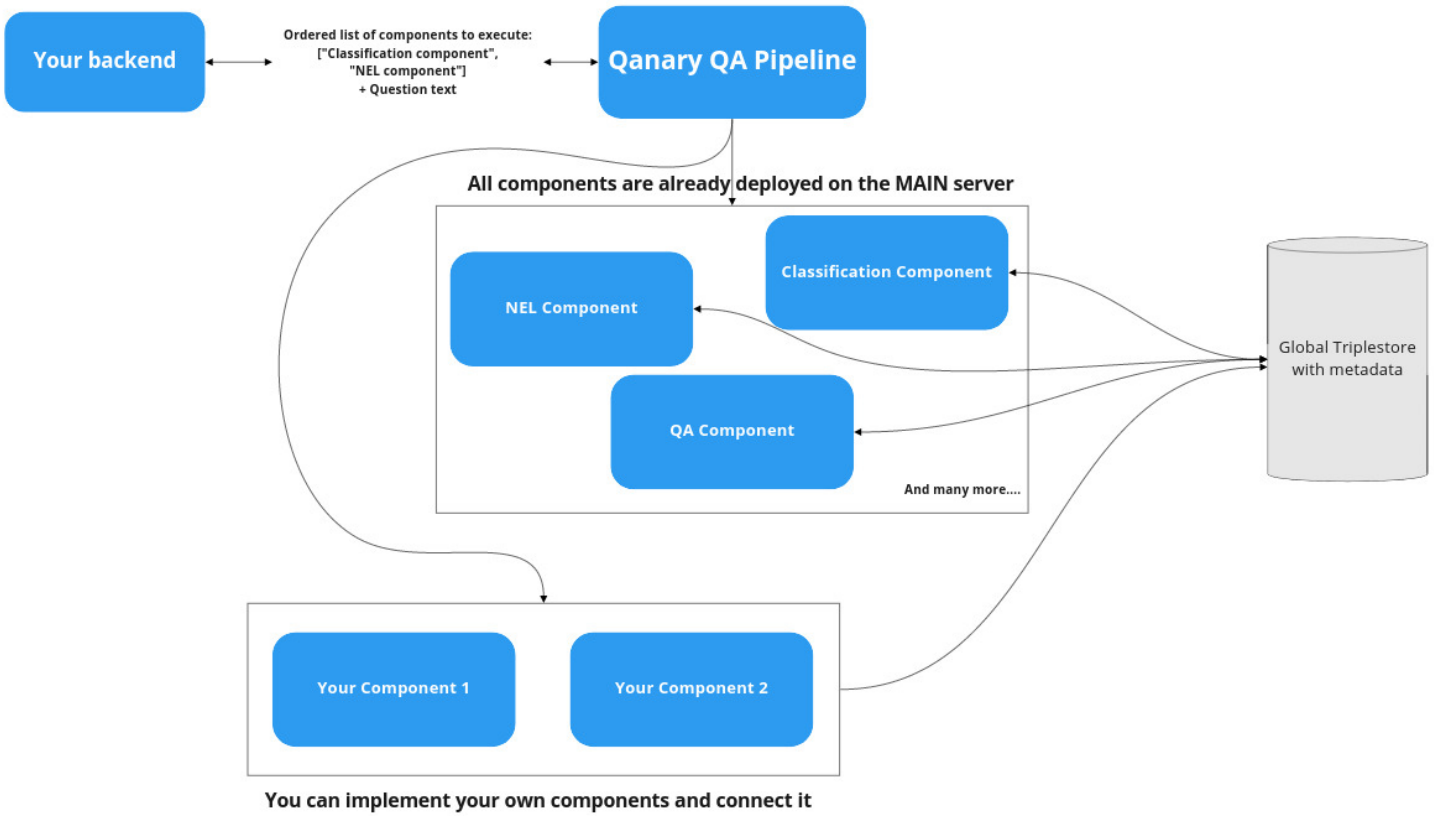

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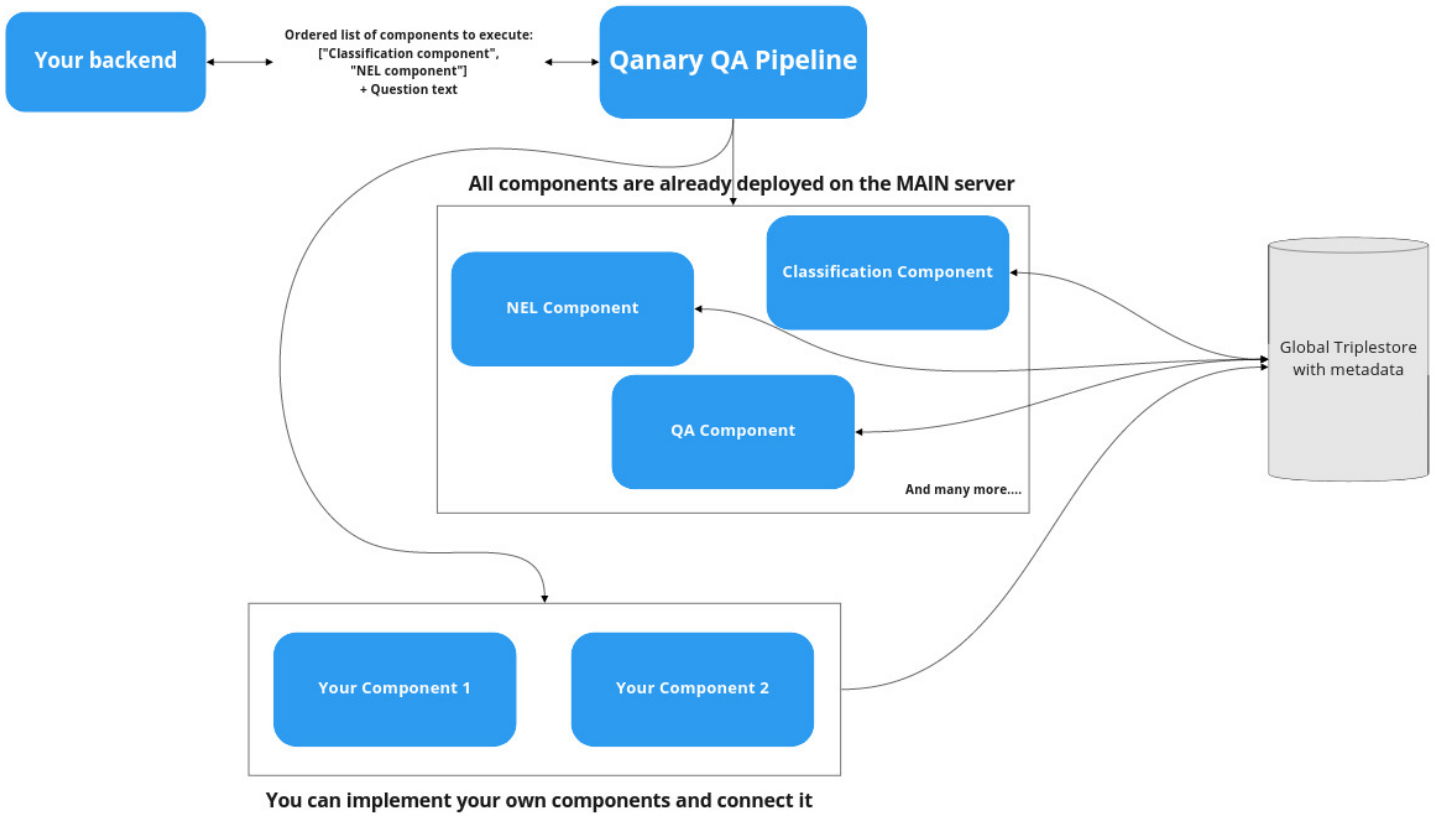

- Integrate the Qanary framework into the Backend;
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- Answer control questions in README.

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- How to send a request to a component?

Any questions?

Let's start the demo!

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- Print enough intermediate information to the console while the application is not in the release version.

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9. User acceptance testing – verification using user scenarios.

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Plan for the Exercise 6: Tests

- Question Answering quality: Precision@1;
- Components testing: check the correctness of the annotation;
- Models evaluation: run a test set through a model and check for target metrics;
- Unit tests: define test sets for your “utils”.

1. SPARQL;
2. Work with Natural Language (NER);
3. Question classification;
4. Back-end and Front-end;
5. **Simple QA system and Qanary Framework**;
6. Tests for QA system;
7. Deploying QA system;
8. ...