

Describe the enhancement to your knowledge base and Endpoints.

My knowledge base was completely enhanced. It includes linking everything together, such that everything relevant can be extracted. Especially the system between an Emergency Instance, Certifications, detected emergency, emergency level and emergencyTypes was enhanced.

Describe which semantic information is provided by the Endpoints.

The “query\_responders” endpoint is for getting nearby responders to a person affected by an emergency.

The “insert\_first\_responder” endpoint allows us to insert a first responder.

The “get\_all\_people” endpoint allows to get all people.

The “get\_qualifications\_by\_person” endpoint allows to get the qualifications by person.

The “get\_who\_can\_respond” endpoint uses a reasoning rule in the background, to find out which first responders have the correct qualifications to respond to an emergency. This is set via the “csa:CanRespondTo” owl:ObjectProperty .

Provide information for the documentation.

No further information is required.

Describe steps to execute and adapt your test cases.

The test cases are fulfilled by executing an external python script (“Test endpoints”) that queries the server within docker.