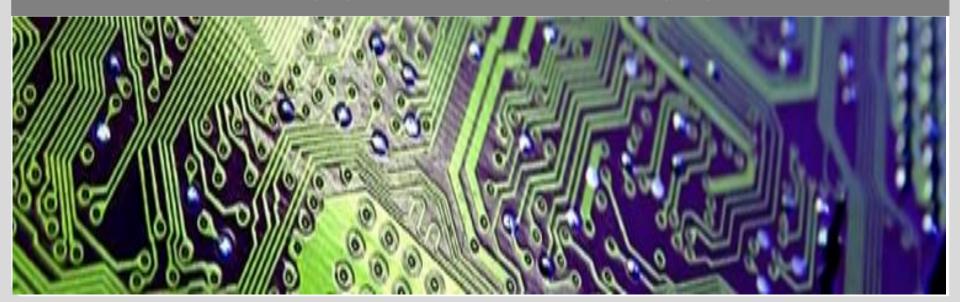




PSE – Neural Network based Image Classification System on Heterogeneous Platforms Colloquium Design Phase

Dimitrov, Drehwald, Guneshka, Häring, Stangel

INSTITUTE OF COMPUTER ENGINEERING (ITEC) - CHAIR FOR DEPENDABLE NANO COMPUTING (CDNC)



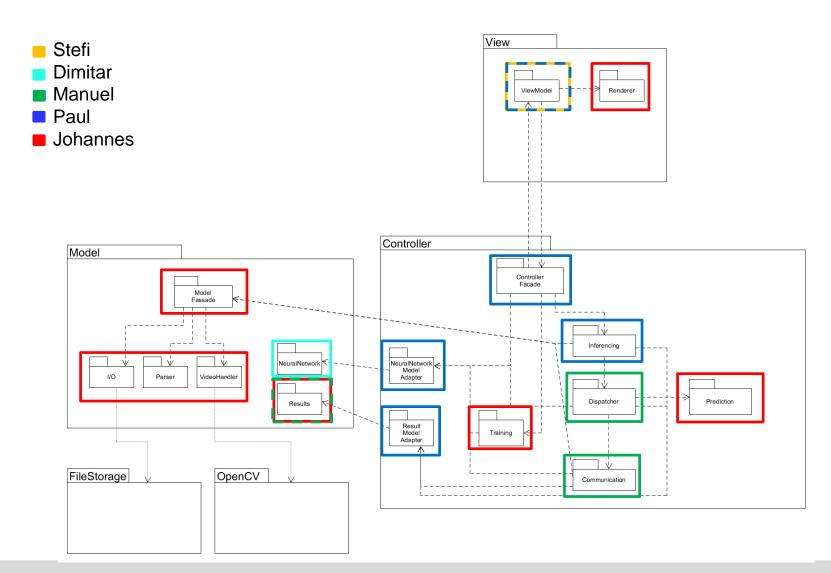
Roadmap



- Package design
- Process of image classification
 - Class diagrams of the process in the controller
 - Sequence diagram for getting the image
- Next steps

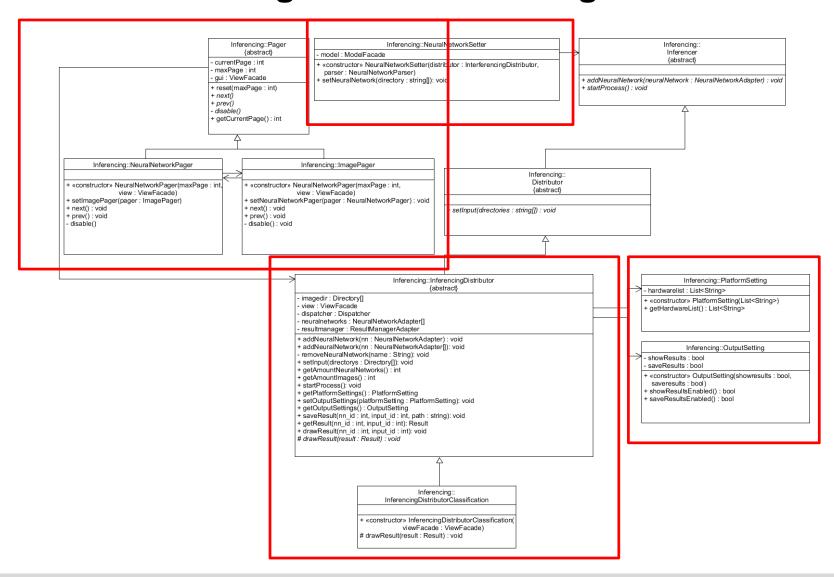
Package design





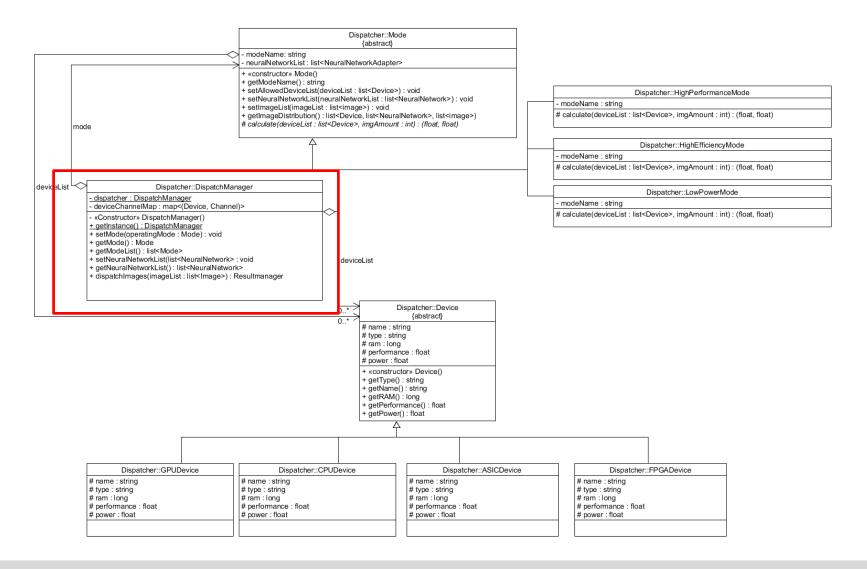
Process of image classification – class diagram of inferencing





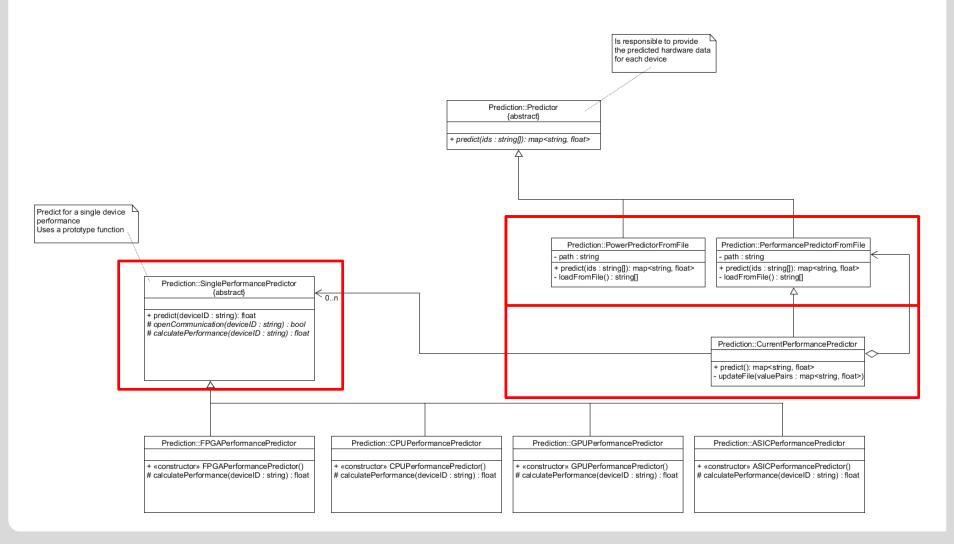
Process of image classification – class diagram of dispatcher





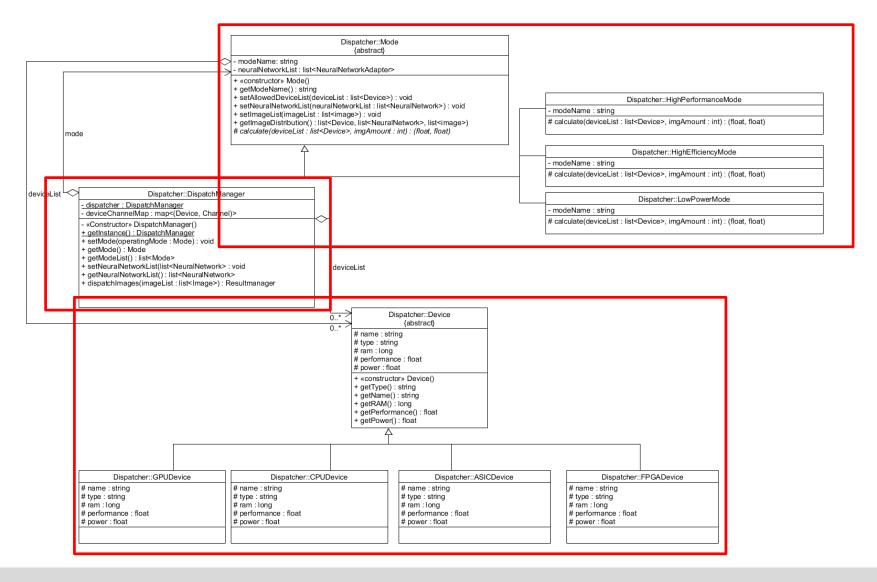
Process of image classification – class diagram of the predictor





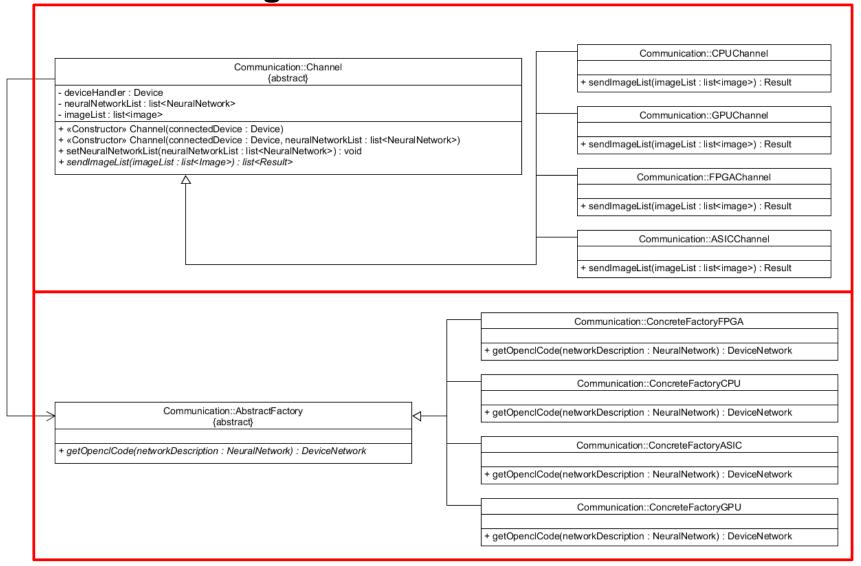
Process of image classification – class diagram of dispatcher





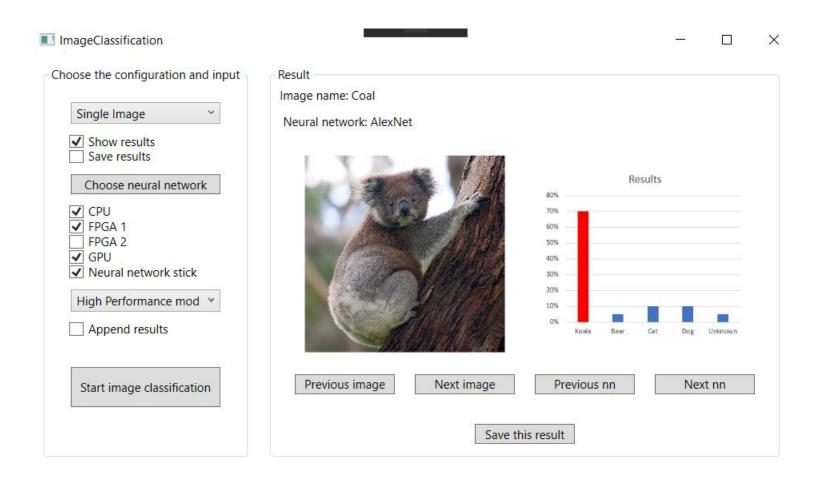
Process of image classification – class diagram of communication





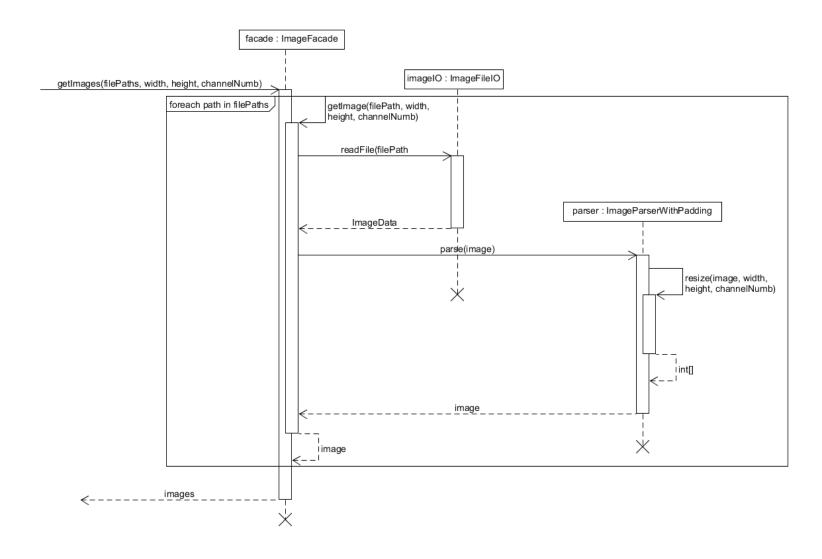
Process of image classification





Process of image classification – getting images





Next steps



- Christmas and holidays!
- Implementation phase with Manuel as responsible person
- Next ultimatum: 31. January