

frag.extract

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Extraktionsprozess

Still two main approaches:

1. using the mined part of the conala-corpus to train a neural network which can give the probability that a given code snippet is fulfilling a given task/intent
 - low quality data
 - when training the network we have to use the probabilities which the mining software gave → we emulate the result achieved with the small dataset
2. Using the hand-annotated part of the conala-corpus to train a regression model [Maybe SVR or RandomForestRegressor]
 - work is still in progress

Kommunikation zwischen Chrome Extension und frag.edit VS Code Extension

- Native Messaging API nicht gut dokumentiert
- Sämtliche Beispiele funktionieren nicht
 - Meist scheitert Verbindung zu Native Messaging Host
- Working prototype
 - Integration in VS Code Extension noch ausstehend