Extracting Code Snippets From Online Sources

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Release 2 Documentation

- ### Work Done for Release 2
  - Modified the eclipse plugin to handle natural language queries.
  - Used another open source project- nlp2code and integrated it with FaCoy.
  - Gave user options to cycle through available code based on his preference.
  - Improved the UI.
  - Given shortcuts to provoke extension quickly.

- ### Features for next release
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  For next release we have decided to work with evaluation metrics which will help the developer to find his required snippet much easier way and which suits his preference.

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  We will also explore the possibility of code cloning within given input and retrieved input by showing a similarity score between codes using some Techniques.

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  We can also try this to make an web app from which they can retrieve the results Using API calls.

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  Avoiding outdated code snippets in results.

- ### Requirements →
- ### Functional Requirements:
  - The tool should work for multiple languages.
  - Evaluation metrics.
  - Code Clones for given input and retrieved input snippet

- ### Non-Functional Requirements:
  - Tool should be fast in giving outputs in the form of code snippets.

- Tool should work with least number of functional dependencies.
- Nice and simple UI
- **Use Cases**
  1. API usage
  2. Algorithms
  3. Searching similar codes snippets
  4. Code Cloning similarity finder