

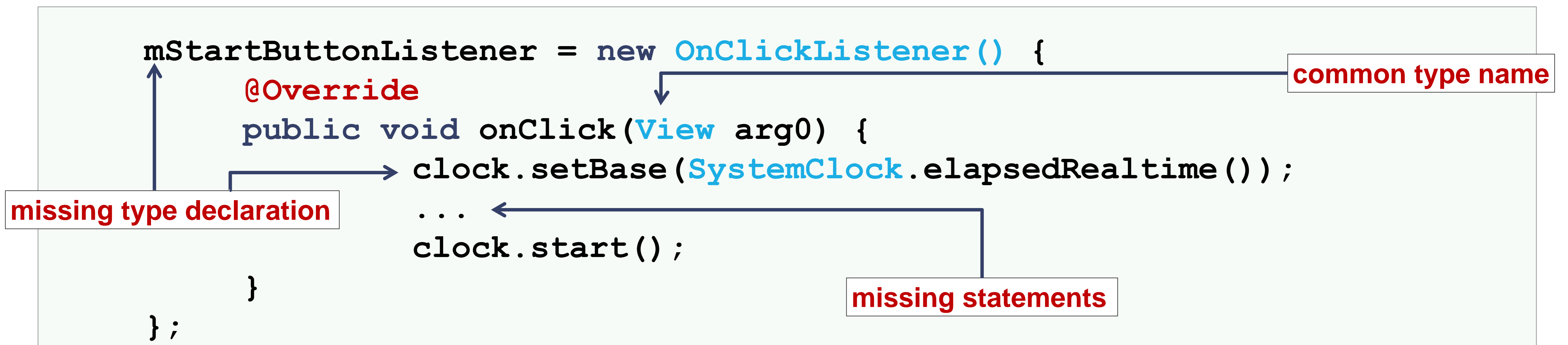
Resolving Incomplete Source Code Fragments



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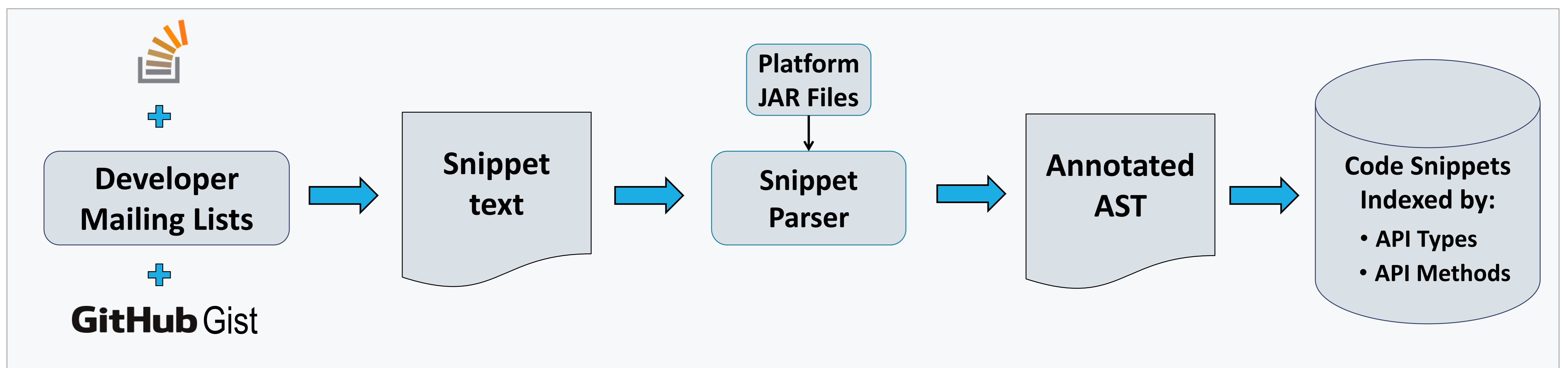
Snippets are valuable, but are difficult to parse:



Stack Overflow posts tagged **Android**:

111,733 accepted answers.

65,095 accepted answers with code snippets.



Application Domains:

Improve Code Search

- Guide search with structural data.
- Search by API Types and Methods.
- Overcome collisions.

IDE Integration

- Context sensitive, active querying to find API usage examples.

Enhance API Learnability

- Create *live* documentation.
- Improve learnability with examples.
- Enhance discoverability.