	Data Collection	Pre-processing	Data Validation	SE Testbeds Generation
	<ol> <li>Repository Filter.</li> <li>Commit filtering.</li> <li>Method Code &amp; Comments extraction.</li> </ol>	<ol> <li>AST Parsing</li> <li>Feature.         computation</li> <li>Database push.</li> <li>Distinct         deduplication.</li> </ol>	<ol> <li>Meaningfulness validation.</li> <li>Code sequences usefulness evaluation.</li> <li>Feature validation.</li> </ol>	<ol> <li>Raw testbed filtering.</li> <li>RandomCut code generation.</li> <li>Docstring filters.</li> <li>Commit messages filter.</li> <li>Jaccard similatiry deduplication</li> </ol>
Artifacts	{JSON}	Му		{JSON}