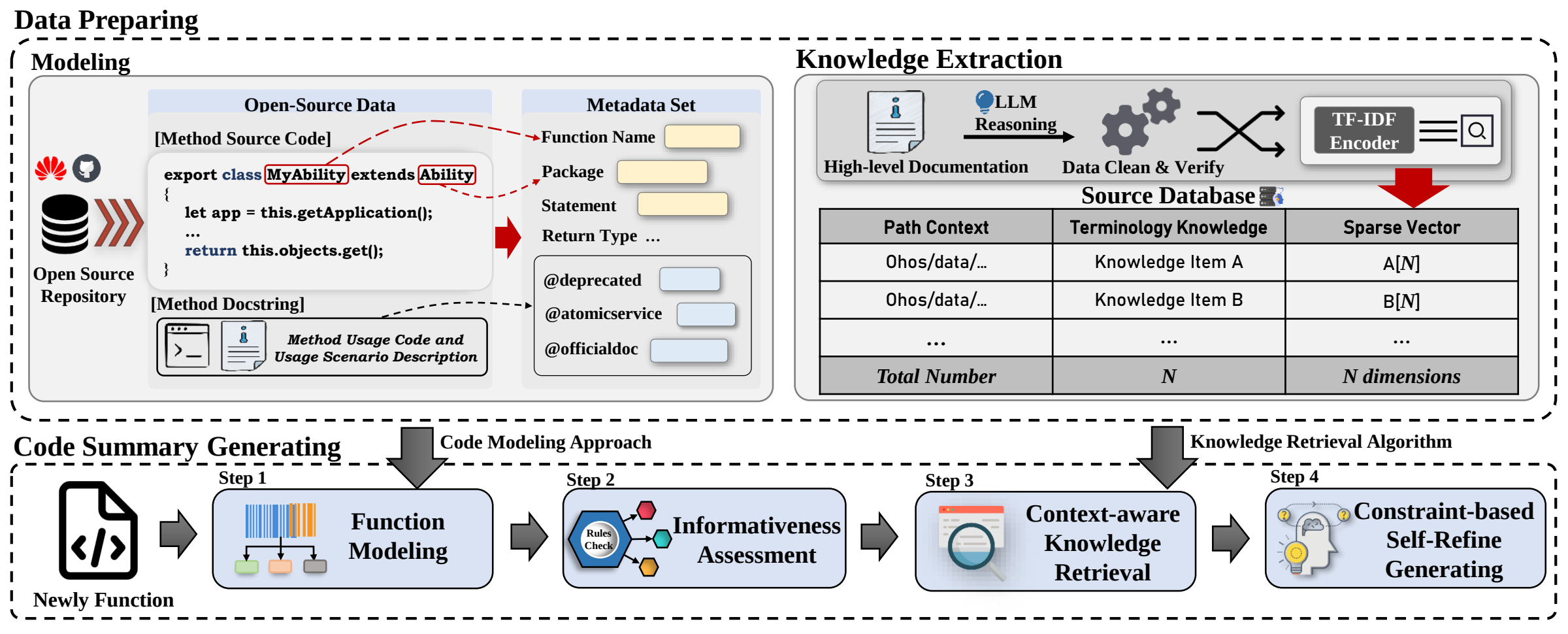
Data Preparing
Modeling
Open-Source Data
[Method Source Code]
export class MyAbility extends Ability
{
let app = this.getApplication();
...
return this.objects.get();
}
[Method Docstring]
Method Usage Code and Usage Scenario Description
Open Source Repository
Metadata Set
Function Name
Package
Statement
Return Type ...
@deprecated
@atomicservice
@officialdoc
Knowledge Extraction
High-level Documentation
LLM Reasoning
Data Clean & Verify
TF-IDF Encoder
Source Database
Path Context
Terminology Knowledge
Sparse Vector
Ohos/data/...
Knowledge Item A
A[N]
Ohos/data/...
Knowledge Item B
B[N]
...
...
...
Total Number
N
N dimensions
Code Summary Generating
Code Modeling Approach
Knowledge Retrieval Algorithm
Newly Function
Step 1
Function Modeling
Step 2
Rules Check
Informativeness Assessment
Step 3
Context-aware Knowledge Retrieval
Step 4
Constraint-based Self-Refine Generating