

## NL Requirements

*Implement a pure Python steganography library that is API-compatible with the core parts of the Stegano project...*



Language Model



## Generated Code

+770

```
lsb
  __init__.py
  lsb.py
red
steganalysis
wav
tool.py
```



## Evaluation

Functional Test:

4 failed, 8 passed

Non-Functional Test:

### Efficiency:

elapsed\_time\_s: 2.011236

1 failed, 0 passed

### Resource:

avg\_memory\_mb: 36.49

avg\_cpu\_percent: 98.0

0 failed, 1 passed

### Robustness:

0 failed, 4 passed

### Security:

high\_risk\_count: 0.0

0 failed, 1 passed

### Maintainability:

mi\_min: 28.1755

0 failed, 1 passed

Reference Baseline

### OUTPUT

#### Functional

score:

0.6667

#### Non-functional

score:

0.7194

#### maintainability:

0.5566

#### security:

1.0000

#### robustness:

1.0000

#### efficiency:

0.0000

#### resource:

0.9918

AHP