

- [P4: Name Analyzer](#)
 - [Build and Test](#)

P4: Name Analyzer

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For this assignment I wrote a name analyzer for Gibberish programs represented as abstract-syntax trees.

The name analyzer will perform the following tasks:

1. **Build symbol tables.** I used the "list of hashtables" approach .
2. **Find multiply declared names, uses of undeclared names, bad struct accesses, and bad declarations.**
3. **Add IdNode links** : For each IdNode in the abstract-syntax tree that represents a *use* of a name add a "link" to the corresponding symbol-table entry.

Build and Test

```
# build
make
# test
make test
```