Declarative syntactic sugar

[ key.toUpperCase() for (key in obj) ]
Declarative syntactic sugar, ctd.

```
let (result = []) {
    for (let key in obj) {
        result[result.length] = key.toUpperCase();
    }
    => result
}
```
[ val for ([key, val] in properties(obj)) if (key % 2) ]
Filtering, ctd.

```javascript
let (result = []) {
    for (let [key, val] in properties(obj)) {
        if (key % 2)
            result[result.length] = val;
    }

=> result
}
```
Comprehension clauses

CompClause ::= ForClause LetClause? IfClause?

ForClause ::= “for” (“ LHSExpression “in” Expression “)”
LetClause ::= “let” LetHead
IfClause ::= “if” (“ Expression “)”
Summary

- Simple syntactic sugar, big readability win.
- Fits into existing grammar pretty well!
- Plenty of prior art: Python, Haskell, math.