Ants for Dinner

Programming an ants strategy

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Programming an ants strategy approach

- Custom language (DSL)
- Parsing
- Abstract syntax tree
- Compile
- Output ant strategy

Syntax

Example

Compiler

- Compile Syntax tree
- Function calls
- Recursive functions

Demo

- The strategy
- Demonstration

Other Ideas

- ▶ Duplicated code elimination
- ▶ More syntactic sugar (while, else-if, switch statement)
- ▶ Relax recursion constraints (allow parameters)