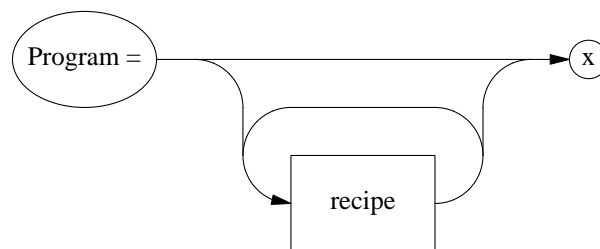# Formalized grammar specification for the *chef* programming language
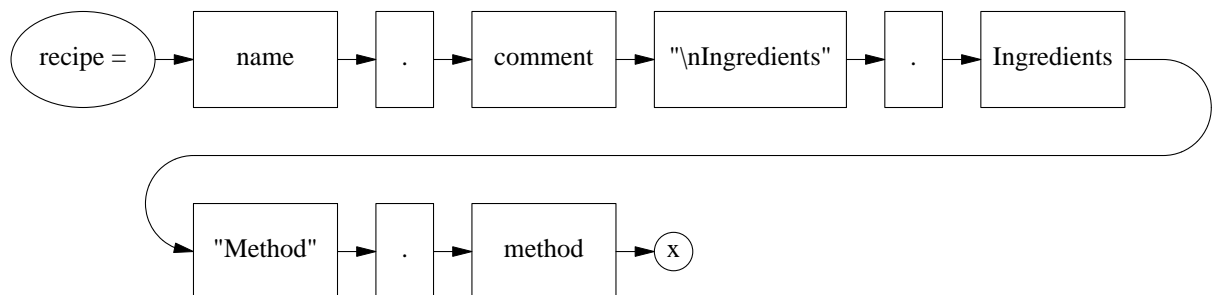
kamray23

Token streams

A chef program consists of a number of tokens arranged in a token stream. The following figures will describe each token stream and available token.
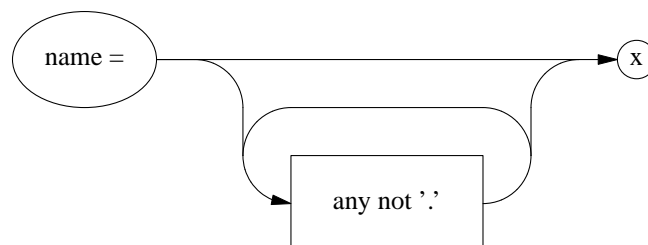
The program itself consists of zero or more recipes, analogous to functions in other languages. The first of these is treated as the "main" recipe, as main() is in C.

The recipe might be one of the more complex parts, being made up of several tokens separated by separators. Of particular interest are the method, which is the instructions, the ingredients, which are the variables, and the name, which is analogous to the function name in other languages.

The name is any string of characters until the next token, here the separator (full stop).

The comment and the name are essentially equal to the parser. The comment however holds no semantic value whereas the name does.