Computations in K need more than object language syntax
- Mathematical structures include base types (e.g., Int) and Maps, Lists, Bags, Sets, K, KList, and user-defined functions
- Operations on Maps, Lists, Sets found in `k-distribution/includes/builtin/domains.k`
- Most generally rules act on configurations

**Approximate Grammar for K Configuration**

```plaintext
Configuration ::= configuration Bag
Bag ::= Bag | Cell | Cell Bag
Cell ::= < Name Features > CellContents < /Name >
      | < k > K < /k >
CellContents ::= Bag | ... Bag | Bag ... | ... Bag ...
    | BigK | BigK Op Id : BigK
BigK ::= List | Set | Map
K ::= KItemWithoutHole
    | KItemWithHole
KItemWithoutHole ::= << stuffMadeFromSyntaxDeclarations >> | "."
KItemWithHole ::= << stuffMadeFromContextDeclarations >>
    | KItemWithoutHole | "$HOLE" | "."
```