0.0.1 Map

The map operation takes in an Operation O or Primitive P, Collection coll? and additional Arguments args? and returns a modified Collection coll! where each member $coll!_i$ is the result of passing $coll?_i$ and args? to $P \vee O$. The ordering of coll? is maintained within coll!

```
map[O \lor P, Collection, V] \bot
operation?: O
primitive?: P
args?:V
coll?, coll!: Collection
map: (O \lor P \times Collection \times V \rightarrow Collection) \lor (O \lor P \times Collection \rightarrow Collection)
coll! = map(operation?, coll?) \bullet
                  \langle \forall i : 0 ... j \in coll? \mid
                  operation?(coll?_0) \cap operation?(coll?_i) \cap operation?(coll?_j)
coll! = map(operation?, coll?, args?) \bullet
                  \langle \forall i : 0 ... j \in coll? \mid
                  operation?(coll?_0, args?) \cap operation?(coll?_i, args?) \cap operation?(coll?_i, args?) \rangle
coll! = map(primitive?, coll?) \bullet
                  \langle \forall i : 0 ... j \in coll? \mid
                 primitive?(coll?_0) \cap primitive?(coll?_i) \cap primitive?(coll?_i)
coll! = map(primitive?, coll?, args?) \bullet
                  \langle \forall i : 0 ... j \in coll? \mid
                 primitive?(coll?_0, args?) \cap primitive?(coll?_i, args?) \cap primitive?(coll?_i, args?) \rangle
```