

Helloworld Template as Text

```
defpart TOP {  
  inputs: "start"  
  outputs: "result"  
  parts: "box1" : hello, "box2": world, "box3" : string-join)  
  wires:  
    0: self.start -> box1.start, box2.start  
    1: box1.s -> box3.a  
    2: box2.s -> box2.b  
    3: box3.c -> self.result  
}
```

```
defpart hello {  
  inputs: "start"  
  outputs: "s"  
}
```

```
defpart world {  
  inputs: "start"  
  outputs: "s"  
}
```

```
def Leaf string-join {  
  inputs: "a", "b"  
  outputs: "c"  
}
```


Differences Between Diagram and Text

- ❖ Text version needs a Name for every Part. This is implicit in the diagram.
- ❖ Wires are explicit.
- ❖ Later, both, Parts and Wires need to be uniquely instantiated (in the Loading Phase)