

# 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"  
}
```



# Text using \$ syntax

```
defpart TOP {  
  inputs: "start"  
  outputs: "result"  
  parts: ${box1} : hello, ${box2}: hello, ${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"  
}
```