

Create process functions
(newProcFun)

ProcFun (a1-> .. -> an)

Create system function
(possibly using process constructors i.e.
mapSY etc)

```
sysF :: Signal i1 ->  
      Signal i2 ->  
      ...  
      Signal in ->  
      (Signal o1, Signal o2, .. Signal om)  
 $\forall n, m \in N \cup \{0\}$ 
```

Create System Definition
(newSysDef)

```
sysDef :: SysDef (Signal i1 ->  
                  Signal i2 ->  
                  ...  
                  Signal in ->  
                  (Signal o1, Signal o2, .. Signal om))  
 $\forall n, m \in N \cup \{0\}$ 
```

Create an instance
(instantiate)

Backends
(simulate etc)