

## Design Intent Block

```
proc mflowgen.intent.<string> {<list: string>} {  
  <string>  
  array set mflowgen.property.<string> {  
    property <boolean expr>  
    describe <string>  
  }  
  (...)  
}}
```

Block Name      Args

Property Name

Property Expression

Property Message

## Implementation Block

```
proc mflowgen.implement.<string> {} {  
  <string>  
  return [ list <list:string> ]  
}
```

- Separating design intent (with formal properties) from implementation
- Static analysis extracts/verifies properties
- One intent block can pair with multiple different implementations

## Composing design intent and implementation

```
mflowgen.intent.<string> {*} [ mflowgen.implement.<string> ]
```

Color (same name)

Color (same args)

Valid Tcl: "Execute this intent procedure with this implementation"