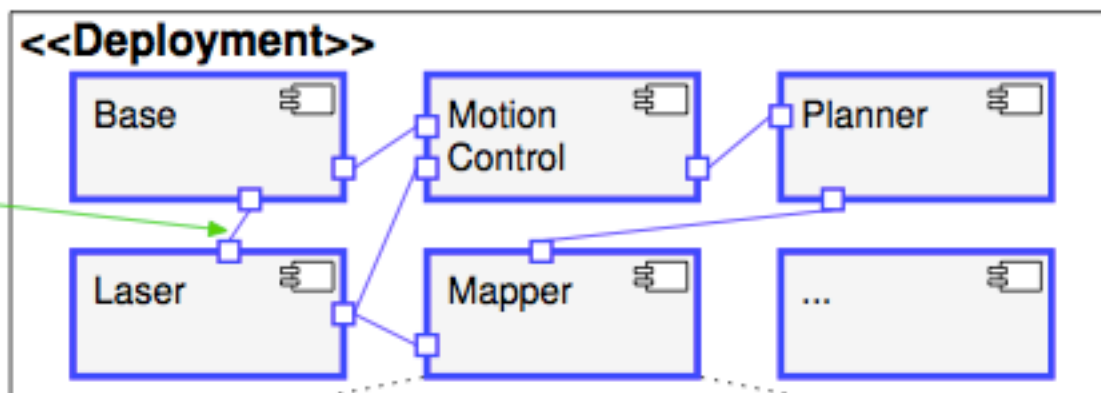


stable provided/  
required ports

1



compose  
components



**Application  
Builder**

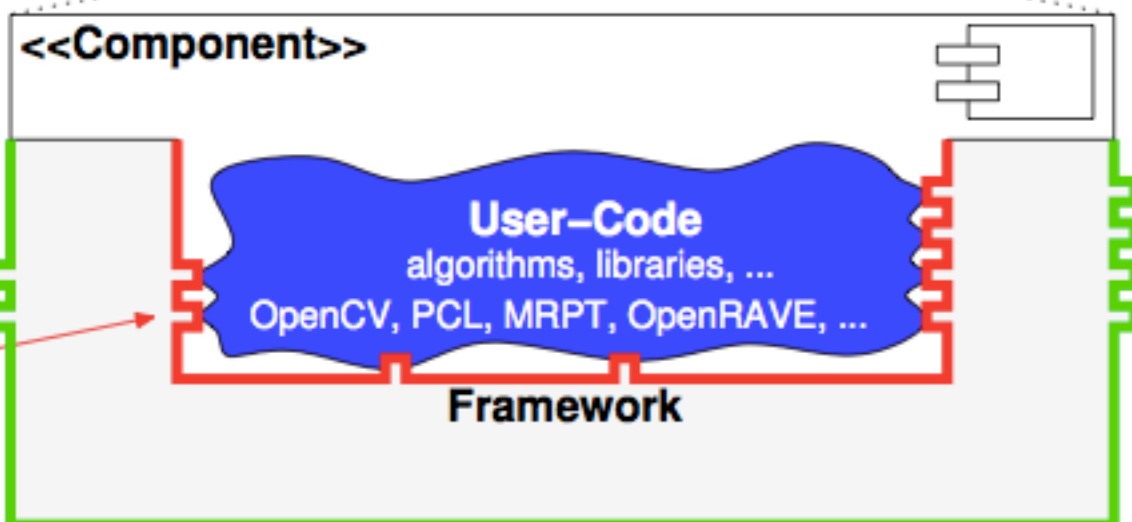
## System-Level (S)

- build system
- reuse components
- black-box view on components

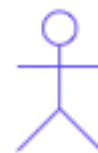
stable interface  
to user-code  
inside component

1

2



integrate  
algorithms and  
libraries



**Component  
Builder**

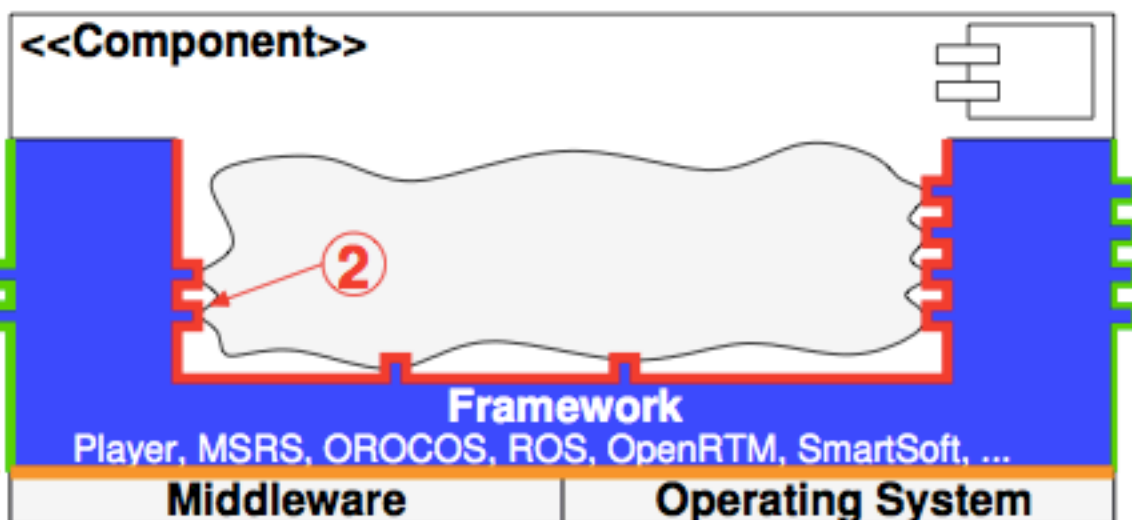
## Component-Level (C)

- build component
- use framework
- black-box view on framework

1

2

3



map component-  
model onto specific  
target platform



**Framework  
Builder**

## Framework-Level (F)

- build framework
- abstract middleware  
and OS details
- black-box view on  
middleware / OS

stable interface  
to middleware and  
operating system