

## Default HELICS setup:

Simulator int: external json  
Messages + Communication: pub/sub  
Types of federates: python  
Broker hierarchies: 1

## Let's learn about...

### FEDERATE INTEGRATION

**Simulator int** → using HELICS API

Messages + Communication: pub/sub  
Types of federates: python  
Broker hierarchies: 1

### FEDERATE MESSAGE + COMMUNICATION CONFIGURATION

Simulator int: external json  
**Messages + Communication** → endpoints  
Types of federates: python  
Broker hierarchies: 1

### INTEGRATING FUNDAMENTAL SETUP OPTIONS

**Simulator int** → using HELICS API  
**Messages + Communication** → endpoints + pub/sub  
Types of federates: python  
Broker hierarchies: 1

Simulator int: external json  
**Messages + Communication** → endpoints  
+ pub/sub  
Types of federates: python  
Broker hierarchies: 1

Simulator int: external json  
**Messages + Communication** → filters  
Types of federates: python  
Broker hierarchies: 1