

# Hello World e4 Application – Part 6

## Event Notification between Parts

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This section teaches how to propagate selection from 1 Part to another Part.

1. Earlier in 3x not sure if there was any support to propagate Events between Parts
2. Now it is achieved using @Inject annotation
3. Select the view that is going to act as Event Notifier or Broadcaster
4. In that view at class level declare @Inject EventBroker eventBroker as shown below

```
@Inject  
EventBroker eventBroker;
```

5. Then implement the event handler thru which you will broadcast the change. For e.g whenever Text field is modified post the modified text for broadcasting as shown below

```
text.addModifyListener(new ModifyListener() {  
    @Override  
    public void modifyText(ModifyEvent e) {  
        eventBroker.post("UPDATE", text.getText());  
    }  
});
```

6. Now the view which needs to behave like a Listener to the event needs to @Inject getNotified method as shown below

```
@Inject  
public void getNotified(@UIEventTopic("UPDATE") @Optional Object string) {  
    System.out.println(string);  
}
```

7. Run your code and selection from 1 Part should be broadcast ed to another view.