**Scaling Components with User Events Demonstration Script**

1. Open Scaling Components with User Events.lvproj.
2. From the Project Explorer, open Main.vi.
3. Notice on the left that the Create FileIO Process VI and Create DAQ Process VI both create multiple user events. Both VIs create an Error user event.
4. Notice the “<DAQ Process UE Refnum.Error>, <File Logging Process UE Refnum.Error>” case in the Event structure is able to handle the Error user event of both the FileIO process and DAQ process.  
     
   This is scalable because you can handle the Error user event of any future processes by simply adding the corresponding Error user event to this case in the Event structure.  
     
   If you have multiple user events that have the same data type, you can handle all of those user events and process their data in the same Event structure case. Using queues does not provide the same flexibility. You would need to create a separate dequeue for each unique queue as opposed to having one Event structure case (per user event data type) handling multiple user events.
5. Notice on the left that the Stop All Processes VI creates a Stop Process user event. This user event reference is passed to the DAQ Process VI and File Process VI.
6. Notice the “stop: Value Change” case in the Event structure is able to stop the DAQ Process VI and File Process VI by generating the Stop Process user event.  
     
   This is scalable because you stop any future processes by simply passing the Stop Process user event reference into future processes and handling the Stop Process user event in future processes.