

# Message Pump.lvclass

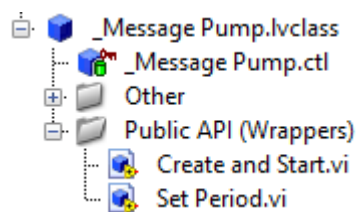
v5.0

The purpose of this Worker is to send a Public Response message to the Caller at a user-defined period (in ms). The Message Pump Worker uses the timeout of an Event Structure to send messages at a fixed interval in the form of a Public API Response.

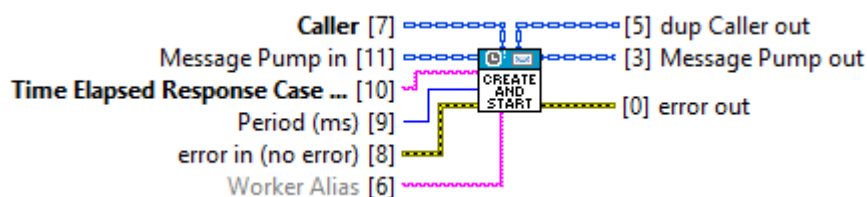
## Public API

**Note:** For ease of use the exposed Public API VIs are wrappers around the Worker's standard Public API VIs.

The Message Pump public API contains the following two VIs:



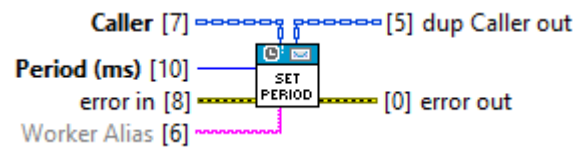
## Create and Start.vi



Dynamically launches and starts an instance of the Message Pump Worker. The Message Pump Worker uses the timeout of an Event Structure to send messages at a fixed interval in the form of a Public API Response.

Please see this VI's context help for more information about this VI.

## Set Period.vi



Sets the wait time in milliseconds between pumped messages. 20 ms is the minimum possible wait time. A value of -1 will stop messages from being pumped.

This VI returns an error if the Message Pump Worker, as identified through **Worker Alias** is not found to exist.

Please see this VI's context help for more information about this VI.