# My Service Requests

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## Details

| | |
|---|---|
| Case Number | 02789295 |
| Subject | Stateflow question |
| Description | Hello,<br><br>Would you be able to direct me to where I can learn about using simulink stateflow. I would like to be able to pass structures to Stateflow charts in Simulink (i.e. to read structures into Stateflow from the base MATLAB workspace).<br><br>Thank you very much,<br><br>Danny Asmaro |

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|---|---|---|---|
| Status | Resolved | Product | Robotics System Toolbox |
| Date/Time Opened | 08 Oct 2017 2:56 AM GMT | Product Release | R2017a |
| Date/Time Closed | 09 Oct 2017 2:20 PM GMT | Product Version | 1.4 |
| License Number | 637718 | Platform | All Platforms |
| View My Licenses | | Operating System | All OS |

## Communication History

Add Comment

| Subject | Type | Message Date |
|---|---|---|
| Re: Stateflow question [ ref:_00Di0Ha1u._5000ZsVMcF:ref ] | Email | 09 Oct 2017 2:19 PM |

## Suggested Answers

| Title |
|---|

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## Support

# My Service Requests

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### Details

| | |
|---|---|
| **Case Number** | 02739253 |
| **Subject** | Stateflow delay |
| **Description** | Hello,<br>How do you create a delay in stateflow? I want to implement the equivalent of the Delay block....<br><br>Thanks<br>Danny Asmaro |

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|---|---|---|---|
| **Status** | Resolved | **Product** | Robotics System Toolbox |
| **Date/Time Opened** | 05 Oct 2017 1:22 PM GMT | **Product Release** | R2017a |
| **Date/Time Closed** | 06 Oct 2017 12:39 PM GMT | **Product Version** | 1.4 |
| **License Number** | 637718 | **Platform** | All Platforms |

## Support

### Email Details

| | |
|---|---|
| **Message Date** | 10/05/2017 12:38 PM |
| **From** | support@mathworks.com |
| **To** | dannyasmaro@temple.edu |
| **CC** | |

| | |
|---|---|
| **Subject** | Re: Stateflow delay [ ref:_00Di0Ha1u._5000ZsVMcF:ref ] |
| **Body** | Hello danny,<br><br>Thank you for contacting MathWorks Technical Support. My name is Anh and I am writing in reference to your Technical Support Case #02739253 regarding 'Stateflow question'.<br><br>Delays may be implemented inside a Stateflow chart using transitions and temporary variables. Download the attached models (delaystate.mdl and delaystate1.mdl) and compare the simulation results obtained using delay blocks and the Stateflow chart.<br><br>Notes:<br><br>1. The number of temporary variables is equal to the number of times the input needs to be delayed.<br>2. The temporary variables in Stateflow charts cannot be used to resolve algebraic loops, like Unit-Delay Blocks (refer delaystate2.mdl).<br><br>Sincerely,<br>Anh Tran<br>MathWorks Technical Support Department<br><br>Self-Service: http://www.mathworks.com/support<br>File Exchange and MATLAB Answers: http://www.mathworks.com/matlabcentral/<br><br>Please preserve the Reference ID in further correspondence on this query. This allows our systems to automatically associate your reply to the appropriate Case. |