## Use Case: SELECT MODULE

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| **Use Case ID:** | A1 | | | |
| **Use Case Name:** | Select modules | | | |
| **Created By:** | Samuel Addai | | **Last Updated By:** |  |
| **Date Created:** | 09/20/2013 | | **Last Revision Date:** |  |
| **Actors:** | | Primary : User  Secondary : none | | |
| **Description:** | | A user loads a .cml file to see then uml diagrams of an existing system. | | |
| **Trigger:** | | A user runs the OnioUmlVisualization plugin as an eclipse application, selects the Onion Uml perspective and open a .cml file | | |
| **Preconditions:** | | The user has all the plugins and the dependencies for the OnioUmlVisualization plugin to run properly installed.  The user has a .cml file generated using the right method. | | |
| **Postconditions:** | | The uml diagrams in the .cml are extracted and displayed | | |
| **Normal Flow:** | | 1. User selects the onion uml perspective and opens a .cml file 2. System displays the diagrams in the .cml file in the display window 3. User selects modules 4. User click on the UML Diagram control 5. Include :: Compress selected module.   User click on Compress selected   1. System compress the selected module | | |
| **Alternative Flows:**  **[Alternative Flow 1 – expand]** | | 3a If selected module is already compressed   1. User click on the UML Diagram control 2. Include :: Expand modules   User click on Expand selected   1. System compress the selected module | | |
| **Alternative Flow:**  **[Alternative Flow 1 – move]** | | 3b   1. Include ::Move module 2. System change position of the selected | | |
| **Exceptions:** | |  | | |
| **Includes:** | | Expand modules  Compress selected module  Move modules | | |
| **Frequency of Use:** | | 10 | | |
| **Special Requirements:** | | The .cml file must be generated using the src2srcML and srcML2classML method | | |
| **Assumptions:** | | The version of the eclipse can run the OnionUmlVisualization plugin | | |
| **Notes and Issues:** | |  | | |