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| **Class Name:** AnnotationAction | |
| **Description:** Contains metadata of the annotation and annotation itself for a Field | |
| **Contracts:**  3. Manage Annotation  *Add Annotation*  addAnnotation(String, Rule)  Description: Receives a String adds a new Action to the Rule.  Pre: The Action is  Post: The addition of the specified annotation to the action.  *Delete Annotation*  deleteAnnotation(AnnotationAction, Rule)  Description: Receives an AnnotationAction and deletes it.  Pre: The AnnotationAction is the last Action added to the Rule.  Post:  **Private Responsibilities:** | **Collaborations:**  Rule (23)  Rule (23) |
| **Comments:**  Attributes include user name, time added, time modified, and the annotation itself | |

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| **Class Name:** Expression | |
| **Description:** The string by which to Filter views on the Proto Element, Field, or Rules | |
| **Contracts:**  4. Manage Primitives  *Add Primitive*  addPrimitive(String)  Description: Receives a primitive (composed from the string) and adds it to this Expression  Pre: The primitive is in the Berkeley Packet Filter (BPF) syntax.  Post: The addition of a primitive to this Expression.  *Remove Primitive*  deletePrimitive(String)  Description: Deletes a specified primitive.  Pre:  Post: The deletion of the primitive from this Expression.  **Private Responsibilities:** | **Collaborations:** |
| **Comments:**  Contains one or more primitives defined by Berkeley Packet Filter (BPF) syntax | |

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| **Class Name:** Packet | |
| **Description:** Element of the PDML File | |
| **Contracts:**  16. Visualize Packet  *Show Packet*  showPacket(Packet)  Description: Receives a packet currently hidden and displays it.  Pre: The packet exists within the PDML and is hidden.  Post:  *Hide Packet*  hidePacket(Packet)  Description: Receives a packet currently displayed and hides it.  Pre: The packet exists within the PDML and is not hidden.  Post:  **Private Responsibilities:** | **Collaborations:**  Formatter (10)  Formatter (10) |
| **Comments:**  Contains one ProtoElement and the following required attributes: num (Integer), len (Bytes), caplen (Bytes), and timestamp (Float) | |