Creating the Address Book class diagram

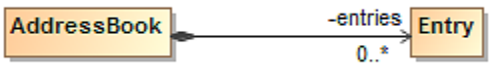
The Address Book model consists of an *AddressBook* class associated with an Entry class. We will create these classes on a Class diagram.

To create the *Address Book* class diagram

1. Create a new Alf project as described in Alf project template, using the name *Address Book* for the project.
2. In the new project, click the **Create Diagram** button on the toolbar and select **Class Diagram**. Name the diagram *Address Book*.
3. Use the **Class Diagram** toolbar to create a new Class named *AddressBook.*

   > For simplicity in later code, we are using camel case for the class name here, with no space between "Address" and "Book".

4. Create a another new Class named *Entry.*
5. Click on the next to **Composition** on the **Class Diagram** toolbar and select **Directed Composition**.
6. Draw an Association from *AddressBook* to *Entry* on the Class diagram.
7. Right click on the *Entry* end of the Association and select **Edit Name**.
8. Type *entries* for the Association end name.
9. Right click on the *entries* Association end and select the multiplicity **0..***.



Next: Creating Entry attributes

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