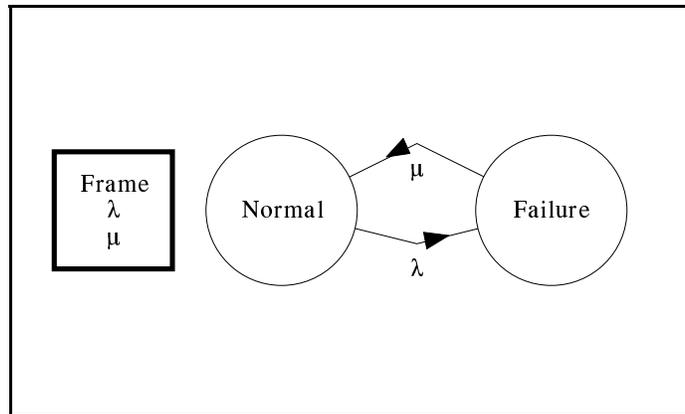


You will be prompted to give it a name and to choose two parameters. The first is a failure rate and the second is a recovery/repair rate. Because the model is evaluated starting from the lowest level up, the values of the failure and recover/repair rates will be taken from the sub-diagram and assigned to the user-defined parameters in the parent-diagram.

For example, as you can see in the Markov diagram below (Figure 29), the parameter  $\lambda$  represents the failure rate and the parameter  $\mu$  represents the recovery/repair rate. As we mentioned above, the values of the failure rate and recovery/repair rate will be taken from sub-diagram “Frame” and will be assigned to the parameters  $\lambda$  and  $\mu$ , respectively.



**Figure 29** Frame with Failure and Recovery Rates

#### 5.1.3.7 Adding Text Objects

To add a text object to the current diagram, choose the “New Text Object” command in the Items menu. A text object contains one or more lines of text. After clicking the command, you will be asked to enter text. When you finish entering the text and click “OK”, the text will appear in your diagram and you will be able to move the text to any place in the diagram.

#### 5.1.4 Moving Objects

To move an object, just click inside it and drag it to a new location. Only objects having an independent location may be moved, i.e. blocks, terminals, states and frames. A link or transition cannot be moved, for it is dependant on the location of the objects it is connected to. However, you may click on a transition and drag it, thereby forming a midpoint if one did not exist.

#### 5.1.5 Deleting Objects

To delete an object, choose the “Delete Object” command in the Items menu. The cursor will change its shape to a deletion cursor. Then, click the object you want deleted. The clicked object and all other objects that are dependant on it will be deleted. For example,