

Shape

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graph BT; Button --> Rectangle; Rectangle --> Shape2D; Shape2D --> Shape;
```

The diagram illustrates a class hierarchy with four levels. At the top is the 'Shape' class. Below it is 'Shape2D', which inherits from 'Shape'. Below 'Shape2D' is 'Rectangle', which inherits from 'Shape2D'. At the bottom is 'Button', which inherits from 'Rectangle'. Each class is represented by a rectangular box with a thick black border, and the relationships are indicated by upward-pointing arrows.

Shape2D

Rectangle

Button