

## A manila folder of JFrame

a0

show()

setTitle(String)

setLocation(int, int)

getWidth()

...

hide()

getTitle()

setSize(int, int)

getHeight()

JFrame

```
public class Demo extends JFrame {
```

```
}
```

Demo is a *subclass* of JFrame.

JFrame is the *superclass* of Demo.

## A manila folder of Demo

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show()

setTitle(String)

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getWidth()

...

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getTitle()

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getHeight()

JFrame

Demo

```
area() {return getWidth() * getHeight(); }
```

```
public class Demo extends JFrame {
```

```
}
```

JFrame is the *superclass* of Demo.

Demo is a *subclass* of JFrame.

Demo *inherits* all components from class JFrame.

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JFrame

area()

Demo

```
public class Demo extends JFrame {  
    public int area() { ... }  
}
```

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...

hide()

getTitle()

setSize(int, int)

getHeight()

JFrame

area()

setTitleToArea()

Demo

```
public class Demo extends JFrame {  
    public int area() { ... }  
    public void setTitleToArea() { ... }  
}
```

JFrame is the *superclass* of Demo.

Demo is a *subclass* of JFrame.

Demo *inherits* all components from class JFrame.