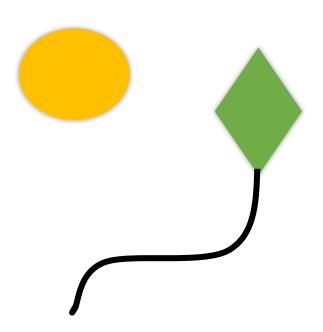
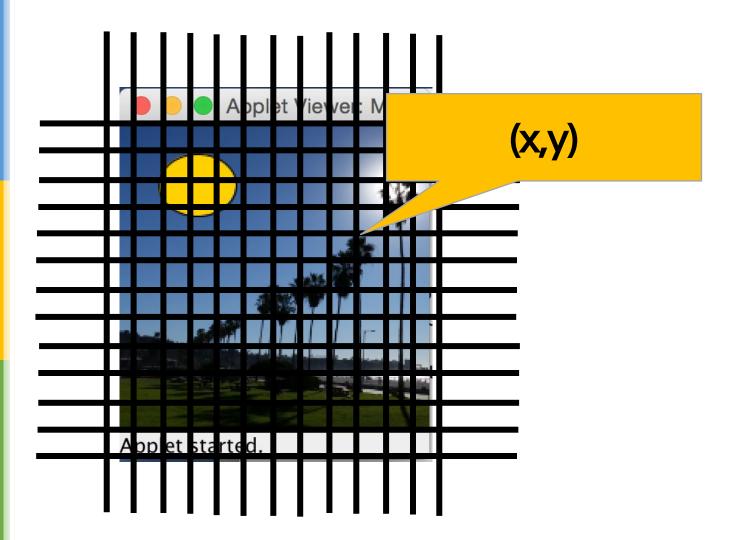


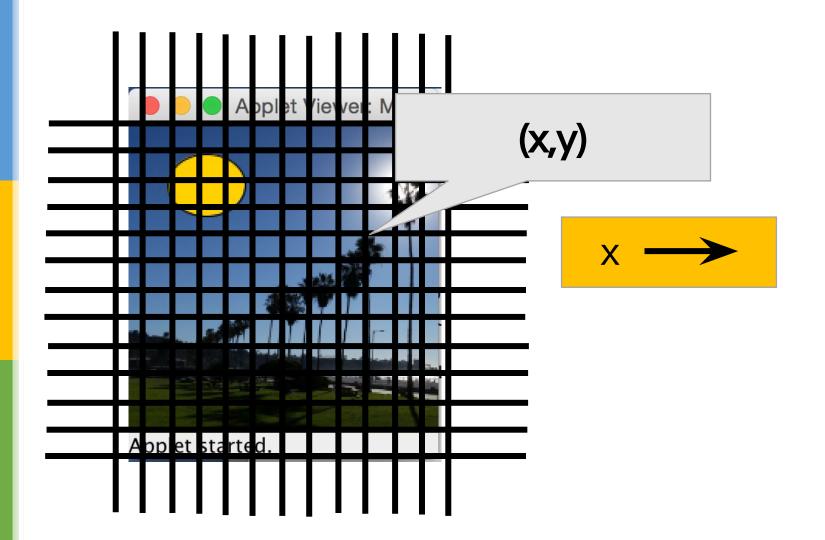


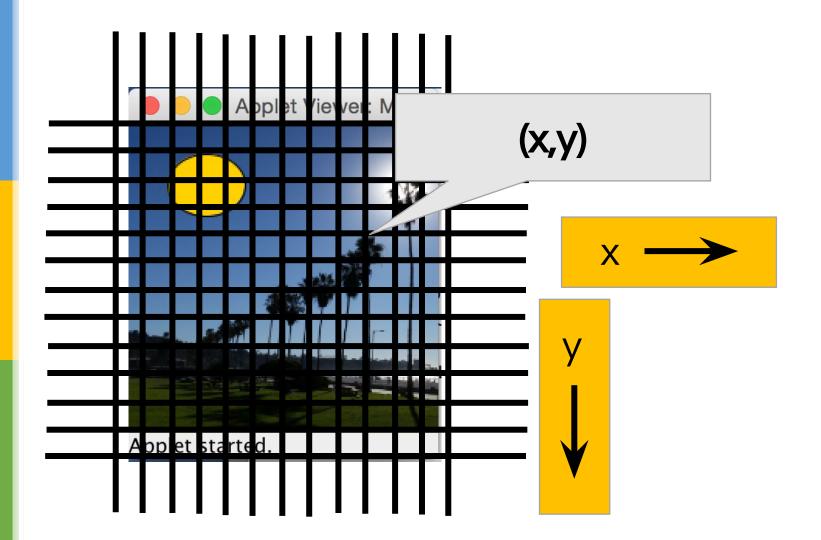
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by Christine Alvarado, Mia Minnes, and Leo Porter, 2015.

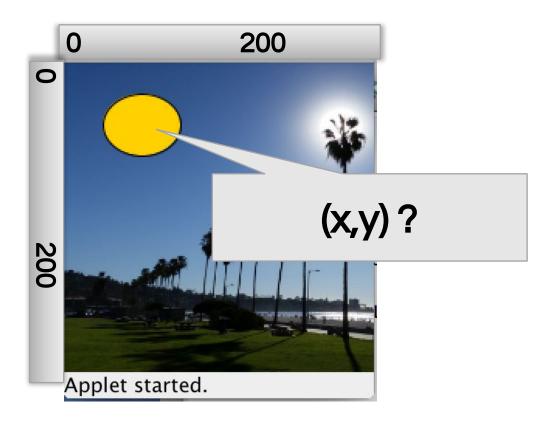


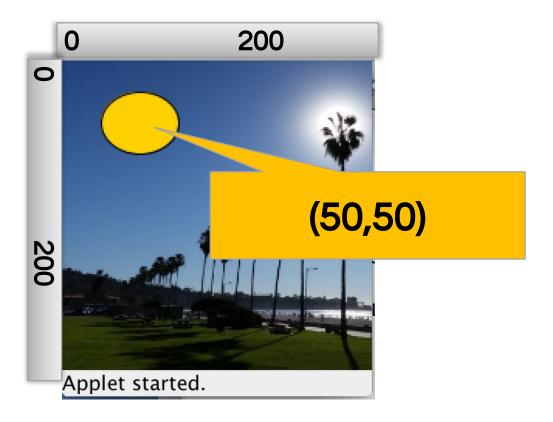






















All Classes

#### **Packages**

processing.core processing.data processing.event processing.opengl

#### **All Classes**

Event FloatDict FloatList FrameBuffer IntDict IntList **JSONArray JSONObject** KeyEvent LinePath LinePath.PathIterator LineStroker MouseEvent **PApplet** 

# Now in Processing ....

### **Class PApplet**

java.lang.Object java.awt.Component java.awt.Container java.awt.Panel java.applet.Applet processing.core.PApplet

#### All Implemented Interfaces:

java.awt.event.FocusListener, java.awt.event.KeyListener, java.awt.event.MouseListener, java.awt.event.MouseMotionListener, java.awt.event.MouseWheelListener, java.awt.image.ImageObserver, java.awt.MenuContainer, java.io.Serializable, java.lang.Runnable, java.util.EventListener, javax.accessibility.Accessible, PConstants

```
public class PApplet
extends java.applet.Applet
implements PConstants, java.lang.Runnable, java.awt.event.MouseListener, java.awt.event.MouseW
```

Base class for all sketches that use processing.core.







process

# Now in Processing ....





All Classes

#### **Packages**

processing.core processing.data processing.event processing.opengl

#### **All Classes**

Event FloatDict FloatList FrameBuffer IntDict IntList **JSONArray JSONObject** KeyEvent LinePath LinePath.PathIterator LineStroker MouseEvent **PApplet** 

Overview Package Class Tree Deprecated Index Help

Prev Class Next Class Frames No Frames

Summary: Nested | Field | Constr | Method Detail: Field | Constr | Method

processing.core

### **Class PApplet**

Jana Ohiect

iava.awt.Component java.awt.Container iava.awt.Panel java.applet.Applet processing.core.PApplet

#### All Implemented Interfaces:

java.awt.event.FocusListener, java.awt.event.KeyListener, java.awt.event.MouseListener, java.awt.event.MouseMotionListener, java.awt.event.MouseWheelListener, java.awt.image.ImageObserver, java.awt.MenuContainer, java.io.Serializable, iava.lang.Runnable, iava.util.EventListener, iavax.accessibility.Accessible, PConstants

public class PApplet extends java.applet.Applet

implements PConstants, java.lang.Runnable, java.awt.event.MouseListener, java.awt.event.MouseW

Base class for all sketches that use processing.core.

```
import processing.core.*;
public class MyPApplet extends PApplet {
                             GUI data type
  public void setup() {
  public void draw() {
```

```
import processing.core.*; Tell Java where to find PApplet
public class MyPApplet extends PApplet {
  public void setup() {
  public void draw() {
```

```
import processing.core.*;
public class MyPApplet extends PApplet {
  public void setup()
                       Configure canvas
  public void draw()
                     Display content
```

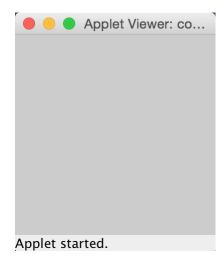
```
import processing.core.*;
public class MyPApplet extends PApplet {
  public void setup()
                       Executed once
  public void draw()
                     Loops often
```



```
import processing.core.*;
public class MyPApplet extends PApplet {
```

```
import processing.core.*;
```

## public class MyPApplet extends PApplet {



}

```
import processing.core. *;
public class MyPApplet extends PApplet {
  public void setup() {
  public void draw() {
```

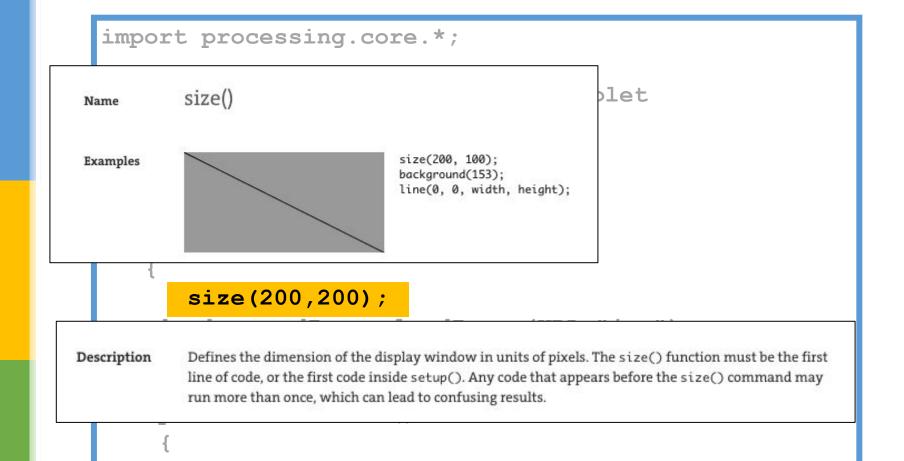
Cover

Download

**Reference.** The Processing Language was designed to facilitate the creation of sophisticated visual structures.

Exhibition	Structure	Shape	Color
Reference Libraries Tools Environment	<ul><li>() (parentheses)</li><li>, (comma)</li><li>. (dot)</li><li>/* */ (multiline comment)</li></ul>	createShape() loadShape() PShape	Setting background() clear() colorMode()
Tutorials Examples Books Handbook	/** */ (doc comment) // (comment) ; (semicolon) = (assign) [] (array access)	2D Primitives arc() ellipse() line()	fill() noFill() noStroke() stroke()

```
import processing.core.*;
public class MyPApplet extends PApplet
  private String URL = "http://...jpg";
   private PImage backgroundImg;
   public void setup()
    public void draw()
        // Body not shown
```



// Body not shown

Description

Loads an image into a variable of type PImage. Four types of images ( .gif, .jpg, .tga, .png) images may be loaded. To load correctly, images must be located in the data directory of the current sketch.

```
backgroundImg = loadImage(URL,"jpg");
}

public void draw()
{
    // Body not shown
}
```

```
import processing.core.*;
public class MyPApplet extends PApplet
  private String URL = "http://...jpg";
   private PImage backgroundImg;
   public void setup()
      size(200,200);
    backgroundImg = loadImage(URL,"jpg");
    public void draw()
        // Body not shown
```