

The background is white with several decorative elements: a large teal ring in the top-left, a smaller teal circle next to it, a dashed teal circle to the left, a large lime green circle in the top-right, a smaller green circle with a dashed outline next to it, a small teal dot above the top-right circle, a large orange circle in the bottom-right, a small pink circle above it, a large green circle with a white dot in the bottom-left, a small orange dot above it, and a dashed yellow circle to the left of the bottom-left circle. A large dashed blue arc curves from the top-left towards the bottom-right.

# Modelo Vista Controlador

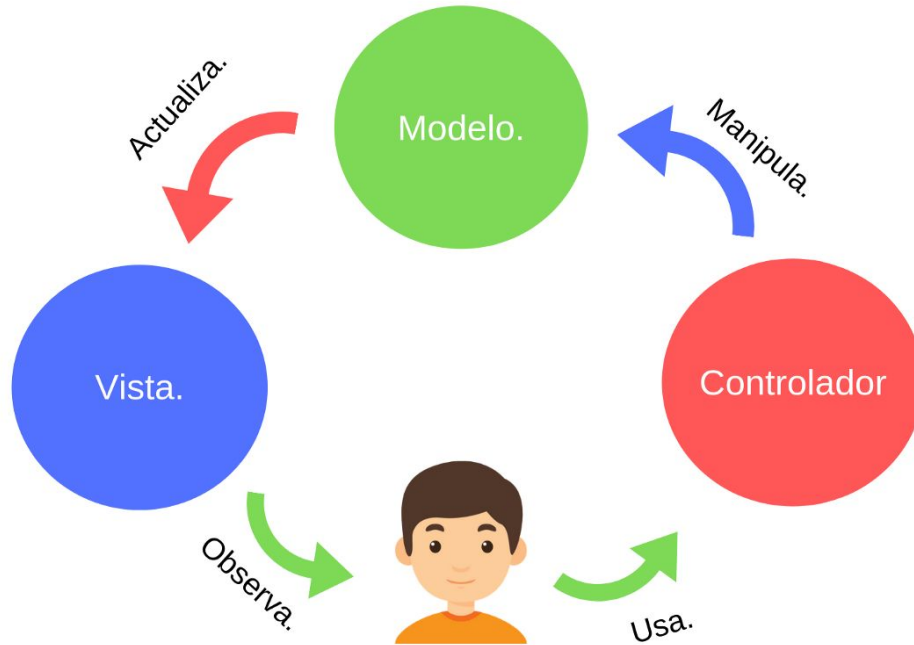
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Diseño Arquitectónicos y Patrones



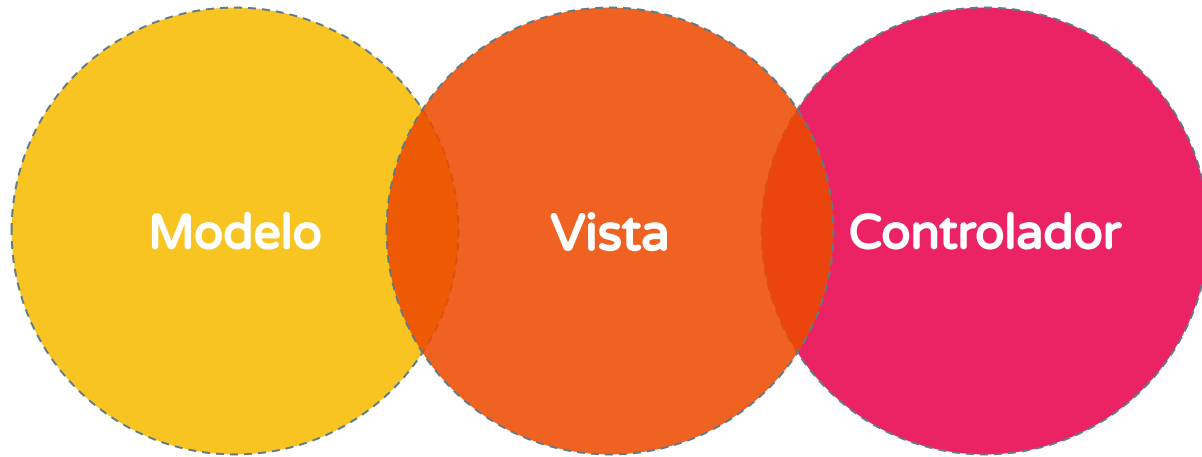
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# Concepto Patrón MVC

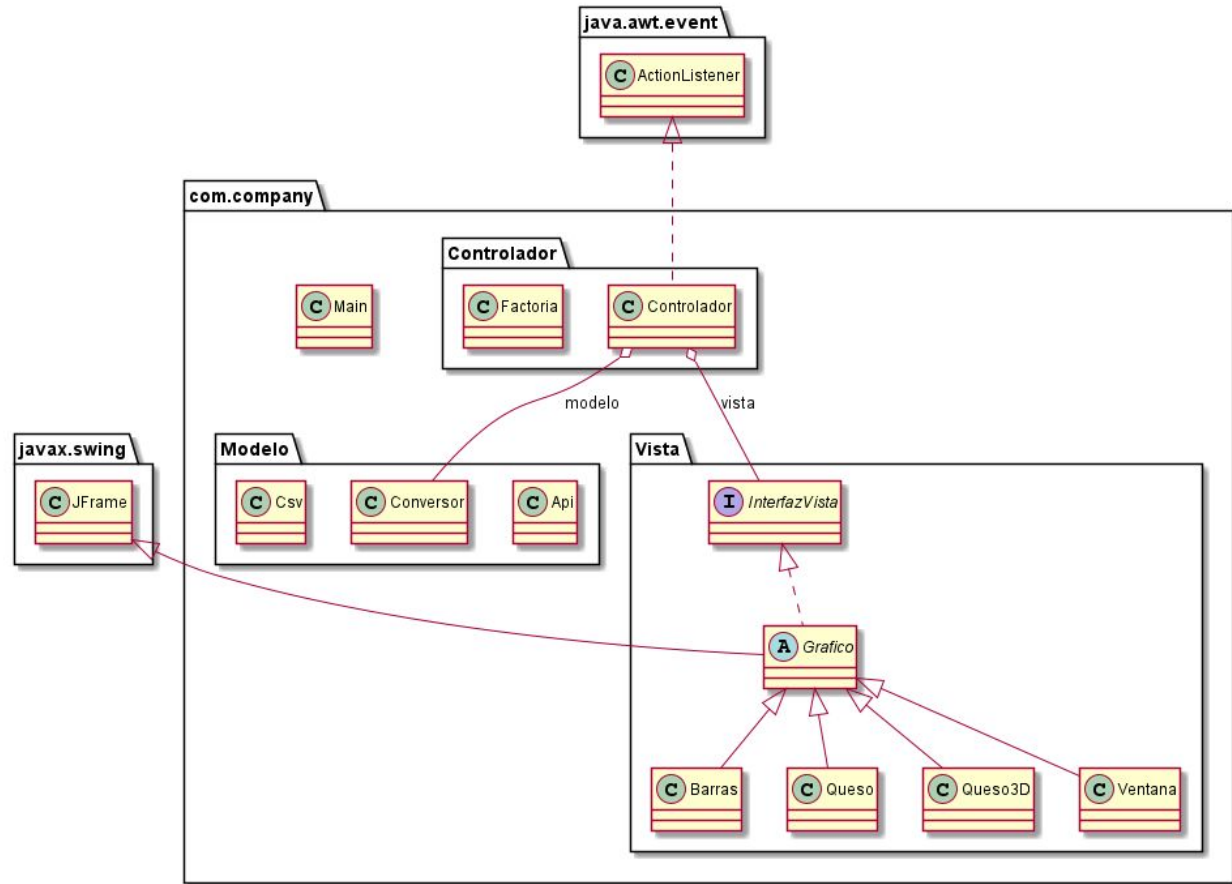


# Estructura



# Ejemplo

TRY\_1's Class Diagram

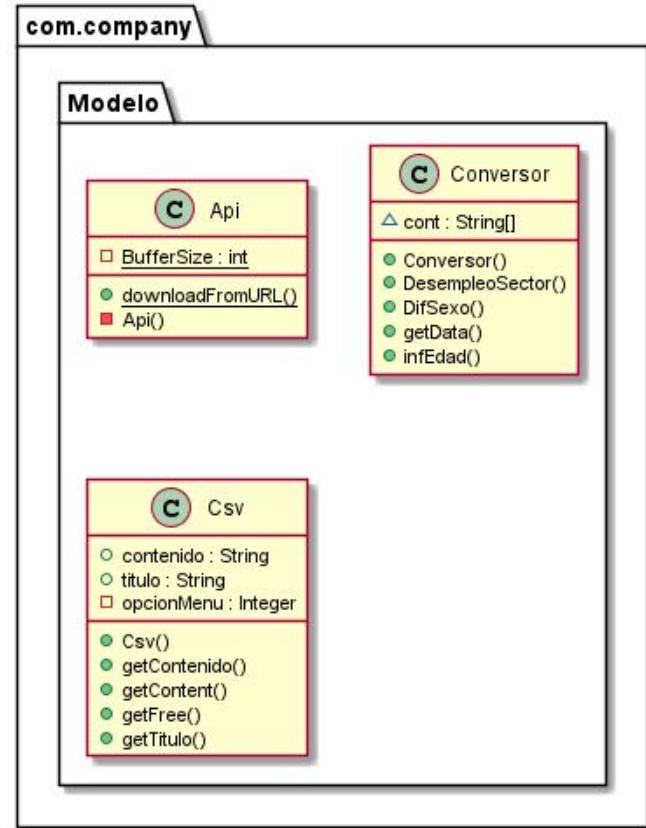


# Modelo

```
public String[][] getData (String nombre) { // Recibo la palabra

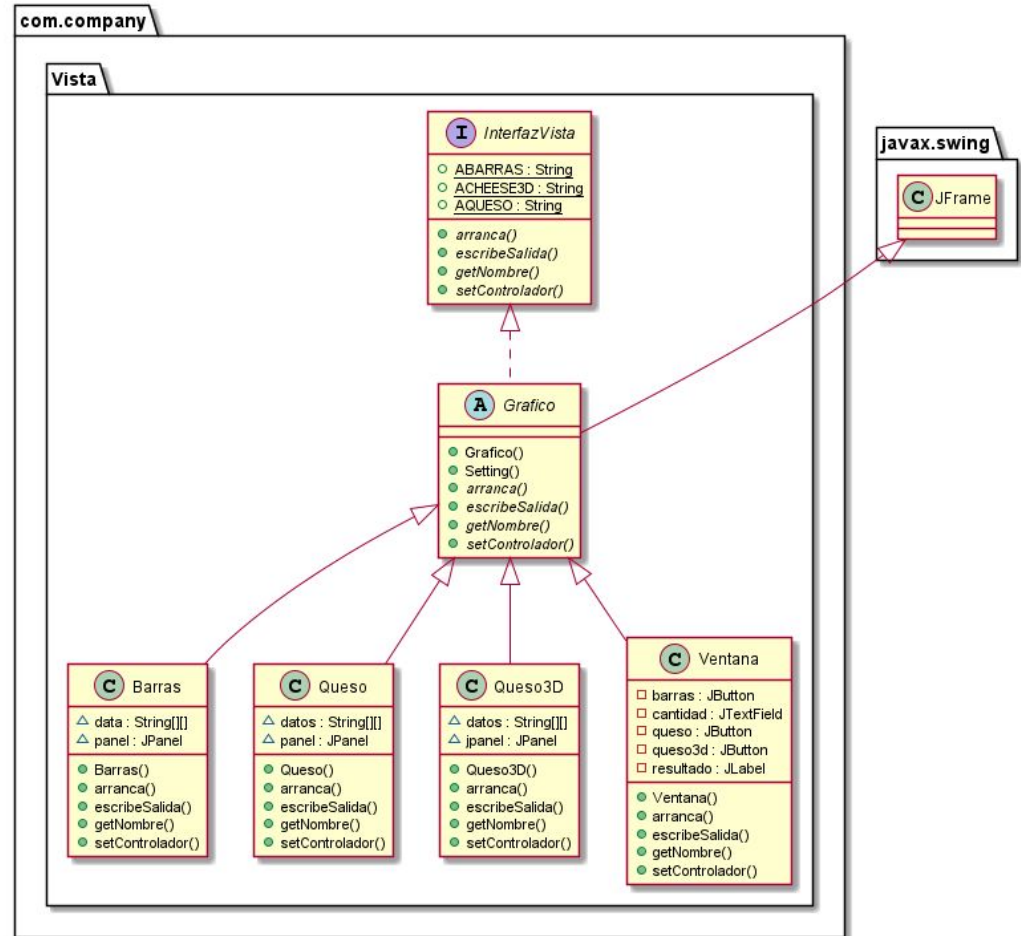
    String[][] archivador = new String[cont.length][];
    int j = 0;
    for (int i = 0; i < cont.length; i++) {
        Csv data = new Csv (cont, i);
        if (Objects.equals(data.getContent()[0], nombre)) {
            archivador[j] = data.getContent();
            j++;
        }
    }
}
```

## MODELO's Class Diagram



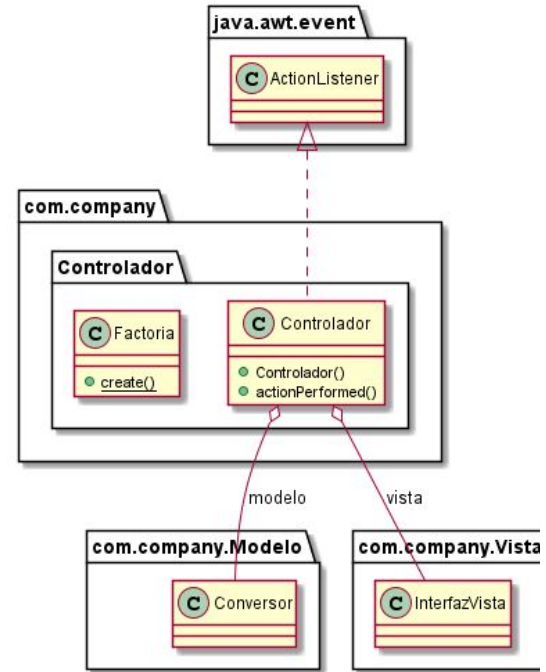
Vista

## VISTA's Class Diagram



# Controlador

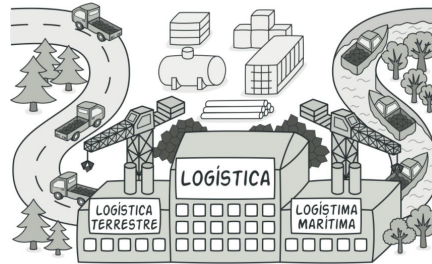
```
public void actionPerformed(ActionEvent evento) { // Disparado por la V.  
  
    String nombre = vista.getNombre();  
    int num = 0;  
  
    if (evento.getActionCommand().equals(InterfazVista.AQUESO) ) {  
        num = 1;  
        vista.escribeSalida(s: "Isla: " + nombre + " : Gráfico de quesit  
        InterfazVista view = Factoria.create(num, modelo.DifSexo(modelo  
        view.arranca();  
    }  
}
```





# Patrones de diseño utilizados

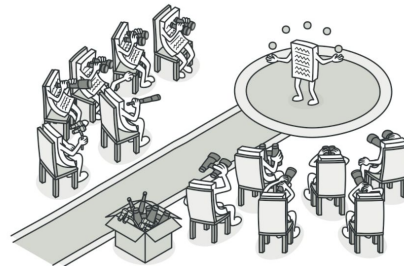
Factory Method



Patrón Estrategia



Patrón Observador



# Ventajas y desventajas

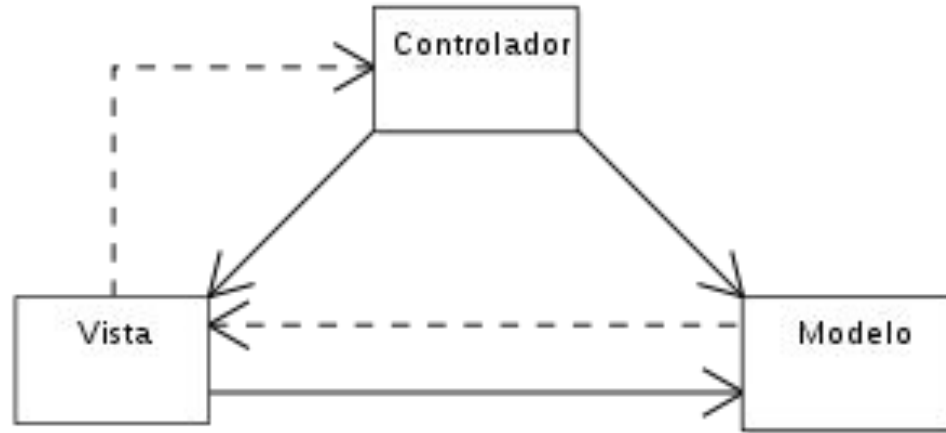


- Mayor calidad
- Reutilización de código
- Estructuración de programas
- Fomenta uso de librerías
- Bajo acoplamiento



- No apto para aplicaciones sencillas
- Aumenta la complejidad

# Conclusiones



The background is white and decorated with various colorful circles and dashed lines. In the top left, there is a large orange circle with a dashed red outline, overlapping a yellow circle. Below them is a small pink circle. In the top right, there is a green circle with a white center, a small yellow circle, and a lime green circle with a dashed yellow outline. In the bottom left, there is a green circle with a dashed green outline, a large lime green circle, and a small cyan circle. In the bottom right, there is a large cyan circle with a white center, a small cyan circle with a dashed blue outline, and a dashed blue circle. In the center, there is a large dashed light blue circle.

# Bibliografía

- <https://desarrolloweb.com/articulos/que-es-mvc.html>
- [http://www3.gobiernodecanarias.org/empleo/portal/web/observatorio/obecan/tematica/estadisticas/paro/paro\\_datos](http://www3.gobiernodecanarias.org/empleo/portal/web/observatorio/obecan/tematica/estadisticas/paro/paro_datos)

Gracias por su  
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¿Alguna pregunta?

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