



Bets proiekuaren hedapena

1. Simple Factory

```
public static void main(String[] args) {
    ConfigXML c=ConfigXML.getInstance();
    System.out.println(c.getLocale());
    Locale.setDefault(new Locale(c.getLocale()));
    System.out.println("Locale: "+Locale.getDefault());
    MainGUI a=new MainGUI();
    a.setVisible(true);

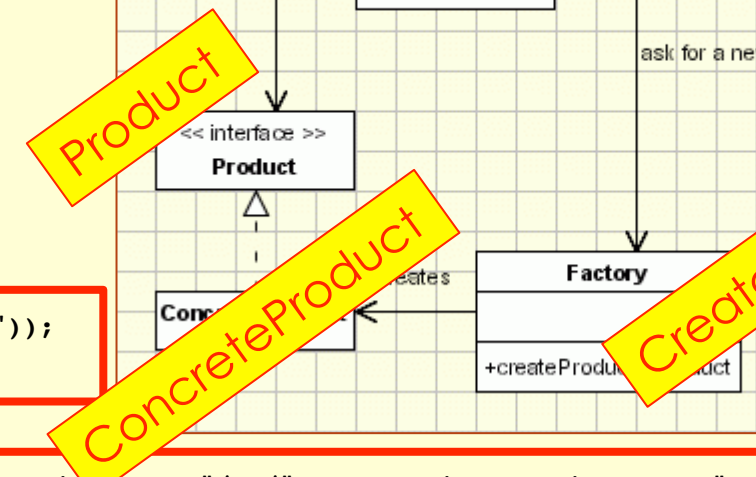
    try {
        BLFacade appFacadeInterface;
        UIManager.setLookAndFeel("javax.swing.plaf.metal.MetalLookAndFeel");
        if (c.isBusinessLogicLocal()) {
            DataAccess da= new DataAccess(c.getDataBaseOpenMode().equals("initialize"));
            appFacadeInterface=new BLFacadeImplementation(da);
        }
        else { //If remote

            String serviceName= "http://"+c.getBusinessLogicNode() +":"+c.getBusinessLogicPort()+"/ws/"+c.getBusinessLogicName()+".ws";
            URL url = new URL(serviceName);
            QName qname = new QName("http://businessLogic/", "BLFacadeImplementationService");
            Service service = Service.create(url, qname);

            appFacadeInterface = service.getPort(BLFacade.class);
        }
        MainGUI.setBussinessLogic(appFacadeInterface);
    }catch (Exception e) {
        a.jLabelSelectOption.setText("Error: "+e.toString());
        a.jLabelSelectOption.setForeground(Color.RED);

        System.out.println("Error in ApplicationLauncher: "+e.toString());
    }
}
```

ApplicationLauncher.java



2. Iterator

```
ic static void main(String[] args) {
    // obtener el objeto Facade local
    int isLocal = 1;
    BLFacade blFacade = (new BLFactory()).getBusinessLogicFactory(isLocal);
    SimpleDateFormat sdf = new SimpleDateFormat("dd/MM/yyyy");
    Date date;
    try {
        date = sdf.parse("17/12/2020"); //17 del mes que viene
        ExtendedIterator<Event> i = blFacade.getEventsIterator(date);
        Event e;
        System.out.println("_____");
        System.out.println("ATZETIK AURRERAKA");
        i.goLast(); //Azkeneko elementuan kokatu
        while (i.hasPrevious()) {
            e = i.previous();
            System.out.println(e.toString());
        }
        System.out.println();
        System.out.println("_____");
        System.out.println("AURRETIK ATZERAKA");
        i.goFirst(); // Lehen elem. kokatu
        while (i.hasNext()) {
            e = i.next();
            System.out.println(e.toString());
        }
    } catch (ParseException e1) {
        System.out.println("Problems with ");
    }
}
```

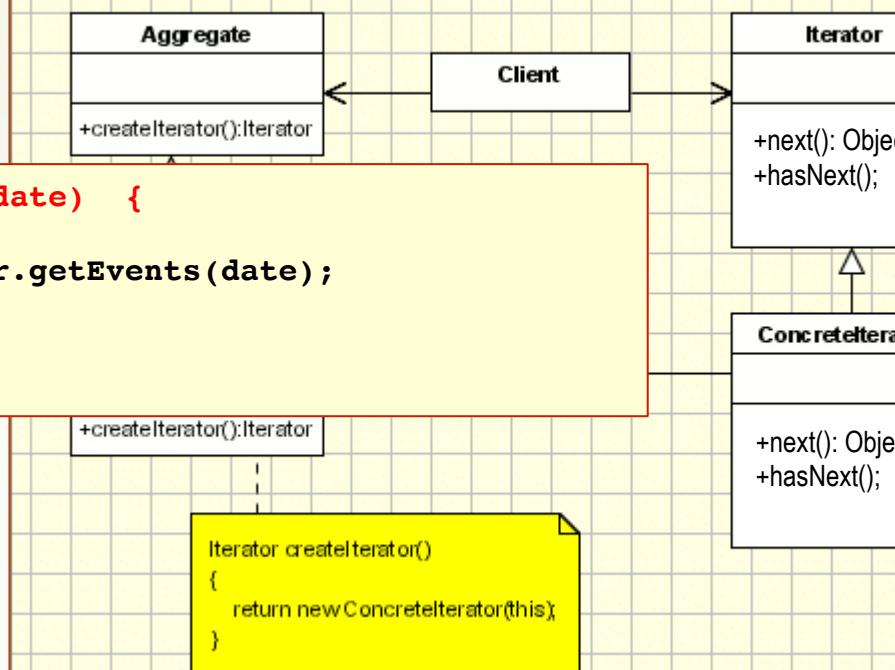
```
public Vector<Event> getEvents(Date date) {
    dbManager.open(false);
    Vector<Event> events = dbManager.getEvents(date);
    dbManager.close();
    return events;
}
```

```
public ExtendedIterator<Event> getEventsIterator(Date date)
    ...
}
```

```
public interface ExtendedIterator<Object> extends Iterator<Object>;
```

```
public class ExtendedIteratorEvents implements ExtendedIterator<Event>
```

cd: Iterator Implementation - UML Class Diagram



3. Adapter

<https://docs.oracle.com/javase/7/docs/api/javax/swing/JTable.html>

<https://docs.oracle.com/javase/7/docs/api/javax/swing/table/TableModel.html>

```
public class UserAdapter extends AbstractTableModel() {
    //ERAIKITZAILEA
    public int getColumnCount() { ...}
    public int getRowCount() { ...}
    public Object getValueAt(int row, int col) { ... }
};
```

columnName(int columnIndex)

`new JTable(!User?);`

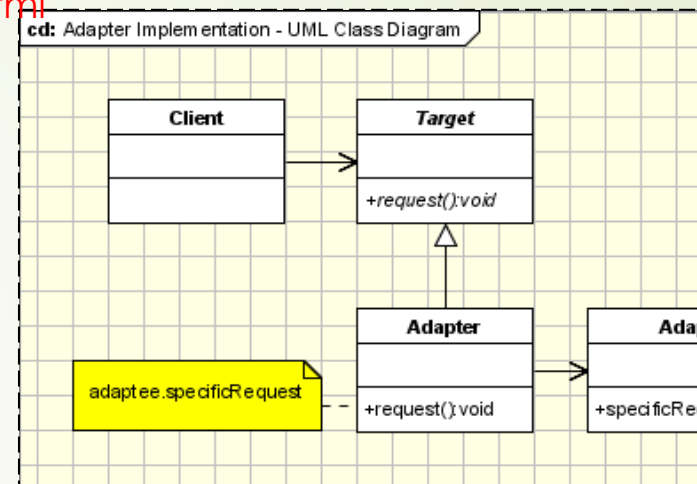
```
static void main(String[] args) {
```

```
    BLFacade= new BLFacadeImplementation(); //MainTable soilik
    User user = blFacade.getUser("MaiteUrreta");
    WindowTable vt = new WindowTable(user);
    vt.setVisible(true);
    try {
    } catch (Exception e) {
        e.printStackTrace();
    }
}
```

AbstractModel

UserAdapter

User



`new JTable(UserAdapter);`

Apuestas realizadas por MaiteUrreta:

Event	Question	Event Date	Bet (€)
Atlético-Athletic	Zeinek irabaziko du partidua?	Thu Dec 17 00:00:00 CET 20...	20.0
Atlético-Athletic	Zeinek sartuko du leheneng...	Thu Dec 17 00:00:00 CET 20...	10.0
Atlético-Athletic	Zeinek irabaziko du partidua?	Tue Dec 01 00:00:00 CET 20...	30.0
Atlético-Athletic	Zenbat gol sartuko dira?	Tue Dec 01 00:00:00 CET 20...	20.0
Málaga-Valencia	Zeinek irabaziko du partidua?	Mon Dec 28 00:00:00 CET 2...	20.0
Málaga-Valencia	Golak sartuko dira leheneng...	Mon Dec 28 00:00:00 CET 2...	100.0

http://www2.hawaii.edu/~takebaya/ics111/jtable_custom/jtable_custom.html