

## Servlet Producteur

```
package jms1.servlets;

import java.io.IOException;
import java.io.PrintWriter;

import javax.jms.Connection;
import javax.jms.ConnectionFactory;
import javax.jms.Destination;
import javax.jms.JMSException;
import javax.jms.MessageProducer;
import javax.jms.Session;
import javax.jms.TextMessage;
import javax.naming.Context;
import javax.naming.InitialContext;
import javax.naming.NamingException;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

/**
 * Implémentation du producteur
 */
@WebServlet("/SProducteur")
public class SProducteur extends HttpServlet {
    private static final long serialVersionUID = 1L;

    protected void doGet(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException {
        System.out.println("*****Producteur *****");
        envoyer(response);
    }
    public void envoyer(HttpServletResponse response){
        System.out.println("***** Envoi *****");
        String destName = "jms/Q.Test";//
        final int NUM_MSGS = 5;
        Context jndiContext = null;

        try { jndiContext = new InitialContext(); }
        catch (NamingException e) { System.out.println("le contexte JNDI
ne peut pas être créé: " + e.toString()); System.exit(1);
        }

        ConnectionFactory connectionFactory = null;
        Destination dest = null;

        try {
            connectionFactory = (ConnectionFactory)
jndiContext.lookup("jms/QCF.Test");
            dest = (Destination) jndiContext.lookup(destName); }
        catch (Exception e) { System.out.println("JNDI API lookup a
échoué: " + e.toString()); e.printStackTrace(); System.exit(1);
```



## Servlet Consommateur

```
package jms1.servlets;
import java.io.IOException;
import java.io.PrintWriter;

import javax.jms.Connection;
import javax.jms.ConnectionFactory;
import javax.jms.Destination;
import javax.jms.JMSException;
import javax.jms.Message;
import javax.jms.MessageConsumer;
import javax.jms.Session;
import javax.jms.TextMessage;
import javax.naming.Context;
import javax.naming.InitialContext;
import javax.naming.NamingException;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

@WebServlet("/SConsommateur")
public class SConsommateur extends javax.servlet.http.HttpServlet implements
    javax.servlet.Servlet {
    protected void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        System.out.println("***** Consommation des messages *****");
        verifier(response);
    }

    public void verifier(HttpServletResponse response){
        System.out.println("***** Consommateur *****");
        String destName = "jms/Q.Test";
        Context jndiContext = null;
        ConnectionFactory connectionFactory = null;
        Connection connection = null;
        Session session = null;
        Destination dest = null;
        MessageConsumer consumer = null;
        TextMessage message = null;

        try {
            jndiContext = new InitialContext();
        } catch (NamingException e) { System.out.println("JNDI API context erreur: " +
            e.toString()); System.exit(1);
        }

        try {
            connectionFactory = (ConnectionFactory) jndiContext.lookup("jms/QCF.Test");
            dest = (Destination) jndiContext.lookup(destName);
        } catch (Exception e) { System.out.println("JNDI API lookup échoué: " +
            e.toString()); System.exit(1);
        }
    }
}
```

