

# Java Server Pages (JSP 2.1)

## Assessment Fact Sheet

### Overview

The Java Server Pages (JSP 2.1) test measures knowledge of programming JSPs. Designed for experienced Web programmers and designers.

Job Family/Title	Programmers/Designers
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### Details

Average Testing Time (minutes)	29 minutes
Allowed Time (minutes)	90 minutes
Maximum Number of Questions	30 questions
Number of Sittings	One
Designed for Unproctored Environment	Yes
Question Format	Multiple Choice - Adaptive
Product Category	Information Technology

### Knowledge, Skills, Abilities and Competencies Measured

The following areas are covered:

- Core JSP Syntax
- Expression Language
- JSTL Usage
- Page Development
- Servlets and JavaBeans
- Web Application Development
- Web Container Provisions

### Example Questions

Question Time Remaining: 0h : 2m : 29s
| [Exit](#)

You need to develop a multi-user application. The application stores a list of the current users in the ServletContext. You write a Servlet as part of the application that modifies the lists of current users.

Based on the scenario above, how do you ensure that access to the list of current users is threadsafe?

**a**  Extend the SingleThreadModel class.

**b**  Lock access to the list of users with a `lock(getServletContext().getAttribute("userList") )` block.

**c**  Lock access to the ServletContext with a `lock(getServletContext())` block.

**d**  Synchronize access to the list of users with a `"synchronized( getServletContext().getAttribute("userList") )" block.`

**e**  Synchronize access to the ServletContext with a `synchronize( getServletContext() )` block.

Next

## Example Reports

**Test:** Java Server Pages (JSP 2.1)

This report is confidential and its contents are intended to assist in the prediction of an applicant's work behavior. If you would like more information about this interpretive report or other products that SHL offers, please contact your account representative.

**Score:** 2.99  
**Proficiency Level:** Proficient (2.51 - 3.50)

The candidate has mastered the basic concepts of Java Server Pages (JSP 2.1), including:

- Web Application Development
- Core JSP Syntax

The candidate demonstrates a clear understanding of intermediate Java Server Pages (JSP 2.1) concepts, such as:


- Web Container Provisions
- Page Development
- Servlets and JavaBeans

The candidate may have some knowledge of more advanced Java Server Pages (JSP 2.1) concepts such as:

- Expression Language
- JSTL Usage

At the Proficient level, the candidate will be capable of working on most projects involving Java Server Pages (JSP 2.1) with minimal assistance. However, the candidate will probably require more assistance with advanced concepts.

**Percentile Comparisons**  
 The percentile score indicates how well the candidate scored relative to other candidates in the comparison population indicated by the score.

Percentile Comparisons							
	<table border="1"> <tr> <td>Low</td> <td>Medium</td> <td>High</td> </tr> <tr> <td style="background-color: red; color: white;">30</td> <td style="background-color: yellow;">70</td> <td style="background-color: green; color: white;">100</td> </tr> </table>	Low	Medium	High	30	70	100
Low	Medium	High					
30	70	100					
Global Population	47 						

**Detail Item Results**

Order	Question	Topic	Description	Skill Level	Time Taken (Seconds)	Is Correct	A	B	C	Theta	Info	Stand Error
1	JSP_2.1_R_BB_0466	Core JSP Syntax	Actions	Basic	30.2	Yes						
2	JSP_2.1_R_BB_0397	Servlets and JavaBeans	Servlet API	Intermediate	77.4	No						
3	JSP_2.1_R_BB_0489	Expression Language	Functions	Advanced	13.8	Yes						