

# ClientSessionMBean documentation

## 1. Bean Description

Description : A server session

Type : net.sbbi.jafs.session.ClientSession

Domain : sessions

ClassName : net.sbbi.jafs.management.ClientSessionMBean

## 2. List of attributes

[averageDownloadSpeed](#), [averageUploadSpeed](#), [controlSecurityProtocol](#), [currentCredits](#), [currentPath](#), [dataSecurityProtocol](#), [downloading](#), [DTPPort](#), [hostIp](#), [PASVMode](#), [PIPort](#), [processedFile](#), [sessionTime](#), [totalReadenBytes](#), [totalWrittenBytes](#), [transfertMode](#), [transfertType](#), [uploading](#), [userName](#)

## 3. List of operations

[addCredits](#), [ban](#), [endSession](#), [endSessionMsg](#), [removeCredits](#), [sendMessage](#), [whois](#)

## 4. Attributes declaration

### 4.1.

sessionTime	
Description	The session time
Type	long
Writeable	false

### 4.2.

userName
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Description	The user name used by the client
Type	java.lang.String
Writable	false

### 4.3.

currentPath	
Description	The current location of the client on the server
Type	java.lang.String
Writable	false

### 4.4.

PASVMode	
Description	Tells if the client is in PASV mode or not
Type	java.lang.Boolean
Writable	false

### 4.5.

hostIp	
Description	The host's IP address
Type	java.lang.String
Writable	false

### 4.6.

DTPPort	
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Description	The host's DTP port address
Type	java.lang.Integer
Writable	false

### 4.7.

PIPort	
Description	The host's PI port address
Type	java.lang.Integer
Writable	false

### 4.8.

currentCredits	
Description	The host's current credits amount
Type	java.lang.String
Writable	false

### 4.9.

uploading	
Description	Tells if the host is currently uploading a file
Type	java.lang.Boolean
Writable	false

### 4.10.

averageUploadSpeed	
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Description	The average upload speed in KB/s
Type	double
Writable	false

**4.11.**

downloading	
Description	Tells if the host is currently downloading a file
Type	java.lang.Boolean
Writable	false

**4.12.**

averageDownloadSpeed	
Description	The average download speed in KB/s
Type	double
Writable	false

**4.13.**

processedFile	
Description	The current processed file if uploading or downloading
Type	java.lang.String
Writable	false

**4.14.**

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totalReadenBytes	
Description	The total amount of bytes readen so far during the session
Type	java.lang.String
Writeable	false

### 4.15.

totalWrittenBytes	
Description	The total amount of bytes written so far during the session
Type	java.lang.String
Writeable	false

### 4.16.

transfertType	
Description	The transfert type
Type	java.lang.String
Writeable	false

### 4.17.

transfertMode	
Description	The transfert mode
Type	java.lang.String
Writeable	false

#### 4.18.

controlSecurityProtocol	
Description	The security protocol currently used for the control socket
Type	java.lang.String
Writeable	false

#### 4.19.

dataSecurityProtocol	
Description	The security protocol currently used for the data transfert
Type	java.lang.String
Writeable	false

### 5. Operations declaration

#### 5.1.

addCredits			
Description	Gives the client credits		
Return type			
Impact	ACTION		
Parameters	<table border="1"> <tr> <td>credit</td> <td>type: java.lang.Long</td> </tr> </table>	credit	type: java.lang.Long
credit	type: java.lang.Long		

## 5.2.

removeCredits		
Description	Removes credits for the client	
Return type		
Impact	ACTION	
Parameters	credit	type: java.lang.Long

## 5.3.

endSession	
Description	Close the session
Return type	
Impact	ACTION

## 5.4.

endSessionMsg		
Description	Sends a message to the client and closes the session	
Return type		
Impact	ACTION	
Parameters	message	type: java.lang.String

### 5.5.

ban			
Description	Ban the client and disconnect it		
Return type			
Impact	ACTION		
Parameters	<table border="1"> <tr> <td>reason</td> <td>type: java.lang.String</td> </tr> </table>	reason	type: java.lang.String
reason	type: java.lang.String		

### 5.6.

sendMessage			
Description	Sends a message to the client		
Return type			
Impact	ACTION		
Parameters	<table border="1"> <tr> <td>message</td> <td>type: java.lang.String</td> </tr> </table>	message	type: java.lang.String
message	type: java.lang.String		

### 5.7.

whois	
Description	WHOIS query with the current client host name or its IP address
Return type	
Impact	ACTION