

Functions Index

Introduction

These indexes link to the specific documentation for each of the [Jitterbit Script](#) and [Jitterbit JavaScript](#) functions available in Jitterbit Harmony.

Jitterbit Script Functions

NOTES

- **Single Agent Only:** Functions marked as *Single Agent only* are to be used only with a single Private Agent, as they do not work when using Cloud Agents or multiple Private Agents.
- **Deprecated:** Functions marked as *Deprecated* should no longer be used, as they may be removed in a future version of Jitterbit Harmony.

	Function	Jitterbit Script Function Category	Single Agent Only	Deprecated
1	ReadCache	Cache		
2	WriteCache	Cache		
3	NetSuiteGetSelectValue	Connector		
4	NetSuiteGetServerTime	Connector		
5	NetSuiteLogin	Connector		
6	PLM360GetItemVersionId	Connector		
7	PLM360Login	Connector		
8	PLM360Logout	Connector		
9	BinaryToHex	Conversion		
10	BinaryToUUID	Conversion		
11	Bool	Conversion		
12	Date	Conversion		
13	Double	Conversion		
14	Float	Conversion		
15	HexToBinary	Conversion		
16	HexToString	Conversion		
17	Int	Conversion		
18	Long	Conversion		
19	String	Conversion		
20	StringToHex	Conversion		
21	UUIDToBinary	Conversion		
22	AESDecryption	Cryptography		
23	AESEncryption	Cryptography		
24	Base64Decode	Cryptography		
25	Base64Encode	Cryptography		
26	Base64EncodeFile	Cryptography		
27	MD5	Cryptography		
28	MD5AsTwoNumbers	Cryptography		
29	SHA256	Cryptography		
30	CacheLookup	Database		
31	CallStoredProcedure	Database		
32	DBCcloseConnection	Database		
33	DBExecute	Database		
34	DBLoad	Database		
35	DBLookup	Database		
36	DBLookupAll	Database		

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37	DBRollbackTransaction	Database		
38	DBWrite	Database		
39	SetDBInsert	Database		
40	SetDBUpdate	Database		
41	SQLEscape	Database		
42	Unmap	Database		
43	<SEQUENCE>	Database		
44	<SQLIDENTITY>	Database		
45	<UDF>	Database		
46	ConvertTimeZone	Date and Time		
47	CVTDate	Date and Time		
48	DateAdd	Date and Time		
49	DayOfMonth	Date and Time		
50	DayOfWeek	Date and Time		
51	FormatDate	Date and Time		
52	GeneralDate	Date and Time		
53	GetUTCFormattedDate	Date and Time		
54	GetUTCFormattedDateTime	Date and Time		
55	LastDayOfMonth	Date and Time		
56	LongDate	Date and Time		
57	LongTime	Date and Time		
58	MediumDate	Date and Time		
59	MediumTime	Date and Time		
60	MonthOfYear	Date and Time		
61	Now	Date and Time		
62	Now_	Date and Time		
63	ShortDate	Date and Time		
64	ShortTime	Date and Time		
65	DebugBreak	Debugging		
66	AddToDict	Dictionary and Array		
67	Array	Dictionary and Array		
68	Collection	Dictionary and Array		
69	CollectValues	Dictionary and Array		
70	Dict	Dictionary and Array		
71	GetKeys	Dictionary and Array		
72	GetSourceAttrNames	Dictionary and Array		
73	GetSourceElementNames	Dictionary and Array		
74	GetSourceInstanceArray	Dictionary and Array		
75	GetSourceInstanceElementArray	Dictionary and Array		
76	GetSourceInstanceElementMap	Dictionary and Array		
77	GetSourceInstanceMap	Dictionary and Array		
78	HasKey	Dictionary and Array		
79	Map	Dictionary and Array		
80	MapCache	Dictionary and Array		
81	ReduceDimension	Dictionary and Array		
82	RemoveKey	Dictionary and Array		
83	SortArray	Dictionary and Array		
84	DiffAdd	Diff		
85	DiffComplete	Diff		
86	DiffDelete	Diff		
87	DiffKeyList	Diff		
88	DiffNode	Diff		
89	DiffUpdate	Diff		
90	InitializeDiff	Diff		

91	OrderedDiffKeyList	Diff		
92	ResetDiff	Diff		
93	SetDiffChunkSize	Diff		
94	SendEmail	Email		
95	SendEmailMessage	Email		
96	SendSystemEmail	Email		
97	GetAgentGroupID	Environment Information		
98	GetAgentGroupName	Environment Information		
99	GetAgentID	Environment Information		
100	GetAgentName	Environment Information		
101	GetAgentVersionID	Environment Information		
102	GetAgentVersionName	Environment Information		
103	GetEnvironmentID	Environment Information		
104	GetEnvironmentName	Environment Information		
105	GetOrganizationID	Environment Information		
106	GetOrganizationName	Environment Information		
107	ArchiveFile	File		
108	DeleteFile	File		
109	DeleteFiles	File		
110	DirList	File		
111	FileList	File		
112	FlushAllFiles	File		
113	FlushFile	File		
114	ReadFile	File		
115	WriteFile	File		
116	ArgumentList	General		
117	AutoNumber	General		Deprecated
118	CancelOperation	General		
119	CancelOperationChain	General		
120	Eval	General		
121	Get	General		
122	GetChunkDataElement	General		
123	GetHostByIP	General		
124	GetInputString	General		
125	GetLastOperationRunStartTime	General	Single Agent only	
126	GetName	General		
127	GetOperationQueue	General	Single Agent only	
128	GetServerName	General		
129	GUID	General		
130	IfEmpty	General		
131	IfNull	General		
132	InitCounter	General	Single Agent only	
133	InList	General		
134	IsInteger	General		
135	IsNull	General		
136	IsValid	General		
137	Length	General		
138	Null	General		
139	Random	General		
140	RandomString	General		
141	ReadArrayString	General		
142	RecordCount	General		Deprecated
143	ReRunOperation	General		
144	RunOperation	General		

145	RunPlugin	General		
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147	Set	General		
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149	Sleep	General		
150	SourceInstanceCount	General		
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153	Count	Instance		
154	CountSourceRecords	Instance		
155	Exist	Instance		
156	FindByPos	Instance		
157	FindValue	Instance		
158	GetInstance	Instance		
159	Max	Instance		
160	Min	Instance		
161	ResolveOneOf	Instance		
162	SetInstances	Instance		
163	SortInstances	Instance		
164	Sum	Instance		
165	SumCSV	Instance		
166	SumString	Instance		
167	ArrayToMultipleValues	LDAP		
168	LDAPAdd	LDAP		
169	LDAPConnect	LDAP		
170	LDAPDeleteEntry	LDAP		
171	LDAPExecute	LDAP		
172	LDAPRemove	LDAP		
173	LDAPRename	LDAP		
174	LDAPReplace	LDAP		
175	LDAPSearch	LDAP		
176	GetLastError	Logging and Error		
177	RaiseError	Logging and Error		
178	ResetLastError	Logging and Error		
179	SetLastError	Logging and Error		
180	WriteToOperationLog	Logging and Error		
181	Case	Logical		
182	Equal	Logical		
183	If	Logical		
184	While	Logical		
185	Ceiling	Math		
186	Exp	Math		
187	Floor	Math		
188	Log	Math		
189	Log10	Math		
190	Mod	Math		
191	Pow	Math		
192	Round	Math		
193	RoundToInt	Math		
194	Sqrt	Math		
195	FromDataLoaderDate	Salesforce		Deprecated
196	FromDataLoaderDateTime	Salesforce		Deprecated
197	GetSalesforceTimestamp	Salesforce		
198	LoginToSalesforceAndGetTimeStamp	Salesforce		

199	SalesforceLogin	Salesforce		
200	SetSalesforceSession	Salesforce		
201	SfCacheLookup	Salesforce		
202	SfLookup	Salesforce		
203	SfLookupAll	Salesforce		
204	SfLookupAllToFile	Salesforce		
205	CountSubString	String		
206	DQuote	String		
207	Format	String		
208	Index	String		
209	IsValidString	String		
210	Left	String		
211	LPad	String		
212	LPadChar	String		
213	LTrim	String		
214	LTrimChars	String		
215	Mid	String		
216	ParseURL	String		
217	Quote	String		
218	RegexMatch	String		
219	RegexReplace	String		
220	Replace	String		
221	Right	String		
222	RPad	String		
223	RPadChar	String		
224	RTrim	String		
225	RTrimChars	String		
226	Split	String		
227	SplitCSV	String		
228	StringLength	String		
229	ToLower	String		
230	ToProper	String		
231	ToUpper	String		
232	Trim	String		
233	TrimChars	String		
234	Truncate	String		
235	URLDecode	String		
236	URLEncode	String		
237	Validate	Text Validation		
238	Attribute	XML		
239	CreateNode	XML		
240	GetNodeName	XML		
241	GetNodeValue	XML		
242	GetXMLString	XML		
243	IsNil	XML		
244	RunXSLT	XML		
245	SelectNodeFromXMLAny	XML		
246	SelectNodes	XML		
247	SelectNodesFromXMLAny	XML		
248	SelectSingleNode	XML		

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JavaScript Functions

NOTES

- **Single Agent Only:** Functions marked as *Single Agent only* are to be used only with a single Private Agent, as they do not work when using Cloud Agents or multiple Private Agents.
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	Function	JavaScript Function Category	Single Agent Only	Deprecated
1	Jitterbit.ReadFile	Jitterbit		
2	Jitterbit.WriteFile	Jitterbit		
3	Jitterbit.DbExecute	Jitterbit		
4	Jitterbit.DbLookup	Jitterbit		
5	Jitterbit.GetVar	Jitterbit		
6	Jitterbit.SetVar	Jitterbit		
7	WriteToOperationLog	Jitterbit		
8	SetScriptResult	Jitterbit		
9	SetScriptOutput	Jitterbit		
10	Array	JavaScript Array properties and functions		
11	Date	JavaScript Date properties and functions		
12	decodeURI	Common		
13	decodeURIComponent	Common		
14	encodeURIComponent	Common		
15	encodeURIComponent	Common		
16	eval	Common		
17	isFinite	Common		
18	isNaN	Common		
19	Math	JavaScript Math properties and functions		
20	Number	Common		
21	parseFloat	Common		
22	parseInt	Common		
23	String	JavaScript String properties and functions		
24	JSON.parse	Common		
25	JSON.stringify	Common		

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