



Miva Virtual Machine 4.0901
Release Note
Revision 1.0

Bugs Fixed:

1. The AuthorizeNet commerce library now correctly parses the whole message returned from the server, and includes the x_delim_char and x_delim_data fields.
2. The AuthorizeNet commerce library now correctly calculates the MD5 hash sum.
3. The modulo operator ("MOD") now properly traps for division by zero.
4. The builtin function glosub_array no longer returns a null string when one or more of the replacement strings isn't found.
5. The 3.x compatibility API routine miva_file_resolve executes correctly when MvCONFIG_DIR_COMMERCE was not set.
6. The time_t system variable on Microsoft Windows platforms now takes the timezone into consideration correctly.
7. The LinkPoint commerce libraries now entity encode product and billing information.
8. MvSMTP calls are now correctly dealing with SMTP replies that are longer than 256 bytes.
9. If an aggregate variable is stored in an external database variable, the variable is serialized (turned into a comma-separated list) first.
10. Testing for public/private keys being loaded is now independant of the version of OpenSSL.
11. Storage into an external database variable and then using that variable will show the newly assigned value, and not refetch the value from the database.
12. Assigning values to non-existent database fields (or to fields of databases that are not open) no longer will cause the VM to crash.
13. LinkPoint commerce libraries now entity encode text such as company names and other billing information, to enable customers with characters such as "&" in their names to work correctly.

Notification:

The LinkPoint commerce libraries 4.08 and above [and 3.9601 and above] are linked against new LinkPoint libraries, which communicate via port 1129. Older version of this commerce libraries used 1139. A symptom of using the wrong communication port is if purchases result in "CC-2501: Unable to connect to SSL Server" errors.