



VR-Exchange 1.1 Release Notes

This release note provides release-specific information for VR-Exchange Release 1.1.

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System Requirements

This section lists supported platforms and hardware and software requirements.

Platforms Supported

VR-Exchange Release 1.1 supports:

- ♦ Windows 2000/XP, MS VC++ 7.1
- ♦ Red Hat Linux 8.0/9.0/Enterprise 3.0.

External Library Requirements

VR-Exchange is built with VR-Link 3.9.6 and Qt 3.3.5.

Brokers Provided

VR-Exchange 1.1 includes brokers for the HLA 1.3 and SISO Standard DLC C++ API for IEEE 1516 specifications.

New Features and Updates

VR-Exchange has the following updates and new features:

- ♦ To specify the MTL file to load, use `-l` instead of `-m`.
- ♦ The HLA Adapter configuration parameter `RPRFOMVersion` has changed to `rprFomVersion`.
- ♦ New parameters have been added to set the maximum message size and the maximum message count used by VR-Exchange. The parameters are `queueBucketPayloadSize` and `queueBucketCount`. These can be configured in *VR-Exchange.mtl*.
- ♦ The VR-Exchange API has been documented. It is included in the PDF version of *VR-Exchange User's Guide*.
- ♦ Example brokers are provided in support of the VR-Exchange API.

Documentation Updates

VR-Exchange User's Guide has been updated with the new features and updates mentioned in the previous section. The updated version of the manual is in PDF format in the `./doc` directory.

Bug Fixes

This release fixes the following problems:

- ♦ Added the following IS-PART-OF attributes to Entity State and Aggregate State Objects: Host, Nature, PartPosition, StationName, StationNumber, RelativePosition, Range, Bearing
- ♦ The Aggregate State Publisher is now ticked every frame as it should be.

Known Problems

VR-Exchange has the following known problems:

- ♦ In Windows, double-clicking on a broker in the portal view launches the Broker GUI in the background. You may need to close other windows to bring this dialog box to the front.

