

# Tech-X Corporation

## Maintenance and Support Policies

### GPULib

#### OVERVIEW

These *Maintenance and Support Policies* apply to GPULib. Support is available to current license holders of GPULib for demonstrable problems with installing or running current versions of the GPULib software on appropriate hardware or operating systems, as specified in the *GPULib Compatibility Matrix*.

Information about the product and its use, including the GPULib User's Guide and FAQs are available from the Tech-X Corporation website.

To initiate direct email or phone contact with support personnel, you must submit a support incident by contacting Tech-X Corporation with a description of the problem or request.

If you are having problems with an older version of GPULib, please upgrade before initiating a support incident. For information on obtaining the current version for GPULib, see the section *Product Updates and Upgrades* below for more information.

Assistance with technical issues involving products beyond the scope of the support services outlined in this document may be obtained through Tech-X Corporation Technical Services under a separate custom support contract.

These *Maintenance and Support Policies* are subject to change at Tech-X Corporation's discretion.

#### GPULib COMPATIBILITY MATRIX

Platform	Compiler	CUDA
Microsoft Windows (XP / Vista (32-bit))	Microsoft Visual Studio 2005	v2.0
Microsoft Windows (XP / Vista (64-bit))	Microsoft Visual Studio 2005	v2.0 (64-bit)
RedHat 9.0 and greater	gcc 4.1.2	v2.0
Mandrake 10	gcc 4.1.2	
SuSE 9	gcc 4.1.2	
Mac OS X 10.5 (Leopard)	gcc 4.0.1	v2.0

#### SUPPORT SERVICES

Support services are limited to current GPULib license holders and for the original software and documentation provided with the product purchase. Any modifications or extensions of the original software become the responsibility of the user. Support is also limited to products installed and used with the explicitly supported hardware and operating systems as defined in the *GPULib Compatibility Matrix*.

*Support Services* consist of one or more of the following:

- Assistance with product installation
- Help with product issues involving general usage, operation, and functionality
- Problem isolation and identification
- Error message analysis and resolution
- Bug reporting and problem isolation
- Up-to-date information on current releases, product compatibility, restrictions, enhancements, workarounds and fixes

- Unlimited access to our Frequently Asked Questions (FAQs), usage tips, and useful product information found at the Tech-X Corporation website

## **MAINTENANCE AND SUPPORT TERMS AND DEFINITIONS**

These policies are limited to current *Major* (see below) release versions of the GPULib product. They do not apply to beta, prerelease or early access versions of these products. These policies do not apply to modifications made by parties other than Tech-X Corporation.

### **Support Service**

*Support Service* is provided to GPULib license holders.

The key features of Support Services are:

- Email and phone access to technical support resources  
[support@txcorp.com](mailto:support@txcorp.com)  
720-974-1846
- Initial response to support requests within 2 business days
- Resolution response time goal of 5 business days

### **Other Support Resources**

Other support resource include:

- Web access to information in FAQs  
<http://www.txcorp.com/products/GPULib>
- Web access to the GPULib mailing list at  
<http://fusion.txcorp.com/mailman/listinfo/gpulib-users>
- Opportunity to submit issues to our support department. Resolution will be at Tech-X Corporation's discretion.

### **Problem Reporting Checklist**

To help us serve you quickly and efficiently, please take a few minutes to gather some information before contacting technical support. We will ask you for:

- Your Name
- Company Name
- Company Address
- Telephone Number
- E-mail Address
- Product Name(s) and Version(s)
- Operating System and Version
- Detailed description of the problem, including any transcripts or error messages that you may have received. We may ask you to send a small test code that compiles and runs, demonstrating the problem. Sample code should be brief, complete, and illustrative.

### **Product Updates and Upgrades**

Tech-X Corporation issues three types of GPULib product releases:

- *Maintenance* (*X.Y.z*) releases provide bug fixes and/or platform updates
- *Minor* (*X.y.0*) releases provide bug fixes, platform updates, and minor product enhancements

- **Major (x.0.0)** releases provide bugs fixes, platform updates, and major product enhancements or new features.

Definitions:

- **Update** means subsequent Maintenance releases of the GPULib product.
- **Upgrades** are Minor or Major releases containing major product enhancements and/or new features.

Tech-X Corporation generally makes *Updates* available to GPULib license holders at no cost (other than media and handling charges). Major and Minor releases can be purchased by current research or industry license holders at a 50% discount off the list price.

### **Product Version Support**

Tech-X Corporation provides Maintenance and Support for the most-current available *Major* version (GPULib version numbering takes the form: <major>.<minor>.<maintenance>) release of GPULib product. Upon release of *Major* updates, previous versions of the same major release become obsolete.

### **Defect**

A defect is any error, unexpected result, or incorrect behavior that deviates from the expected result or use as described in the product documentation. Architectural modifications in subsequent product releases or failures resulting from the use of undocumented product behavior, or use on unsupported platforms will not be classified as a defect.

### **Defect Resolution**

In order to verify a defect or problem report, Tech-X Corporation may require a test case that can be executed. It should consistently demonstrate the problem. Expected qualitative and numerical results should be provided and explained, if possible.

The severity guidelines below assume that a defect can be reproduced in-house. If Tech-X Corporation cannot reproduce the bug in-house, the customer may be directed to consulting services for additional assistance regarding services and mentoring that falls outside of the scope of Support Services. The time required to create, debug, install or update any test case will be excluded from any stated resolution time goals.

Resolution may be provided in one of three forms:

1. Product Update
2. Explanation of behavior or workaround
3. Patch to code

### **Initial Response Time Goal**

The time for a return call from Tech-X Corporation to acknowledge the receipt of the defect or problem report.

### **Resolution Response Time Goal**

The average time required to provide a documented fix, recommend a workaround, or target the date of availability for a workaround or fix that restores full functionality to the product using best efforts.

### **Supported Platforms**

Tech-X Corporation provides support for the specific combinations of hardware and supporting software (operating system, drivers, etc., collectively together with the hardware, the *Platform*) provided in the current *GPULib Compatibility Matrix*.

### **Workaround**

To resolve unexpected or undesirable behavior, support engineers may provide workarounds or suggestions for the modification of product or product usage to resolve the reported problem or defect. Workarounds are supplied through the best efforts of the support group and may represent changes in the product that have not been fully certified or tested.

Any modifications, suggestions, or workarounds are presented “as-is” without any express warranty or claim of compatibility. Certification and custom programming services are available through Solutions Services.

### **SEVERITY DEFINITIONS**

GPULib license holders may require technical support for problems with GPULib that affect the operability or impede the functionality of GPULib. They may also need assistance with implementation issues or require bug fixes or product enhancements. Tech-X Corporation analysts categorize these problems or issues as follows:

#### **Severity Level 1**

The problem causes an application linked to GPULib to stop, crash or cease to function. The problem completely stops development efforts. Severity Level 1 problems will be resolved or a full refund will be provided at the customer’s request.

#### **Severity Level 2**

The problem severely restricts the functionality provided by GPULib product, but it can continue to run/operate. Severity Level 2 problems will be corrected by Tech-X Corporation using best efforts.

#### **Severity Level 3**

The problem significantly restricts the functionality provided by the GPULib product. Severity Level 3 problems include a degradation of reliability or performance or limited access to a non-critical function provided by the GPULib product. Severity Level 3 problems include those for which a workaround has been provided, but for which a permanent improvement is still necessary.

#### **Severity Level 4**

Requested performance or usability enhancements will also be considered Severity Level 4 problems, but will be provided at Tech-X Corporation’s discretion.

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