

MQRC2-GUI

Installation and Operation Manual

The screenshot shows the MQRC2-GUI v1.0.0 application window. It has a menu bar with 'File' and 'Help'. The title bar says 'MQRC2-GUI v1.0.0'. The main area is titled 'MQRC2-GUI' and contains search fields for 'Reason Code' (with value '2035'), 'Reason Code Symbol' (with value 'MQRC_CF_ACTION_VALUE_ERROR'), and 'AMQ Message Number'. Below these is a 'Results' section showing '2035 (0x7F3) MQRC_NOT_AUTHORIZED'. An 'Explanation' section follows, detailing the error: 'The user is not authorized to perform the operation attempted.' and lists several scenarios where this error occurs. Below the explanation is the 'Completion Code' field showing 'MQCC_FAILED' and a 'Programmer Response' section with the text: 'Ensure that the correct queue manager or object was specified, and that appropriate authority exists.'

MQRC2-GUI v1.0.0

File Help

MQRC2-GUI

Reason Code: 2035 Find Reason Code Symbol: MQRC_CF_ACTION_VALUE_ERROR Find

AMQ Message Number: Find

Results

2035 (0x7F3) MQRC_NOT_AUTHORIZED

Explanation:

The user is not authorized to perform the operation attempted:

- On an MQCONN or MQCONNX call, the user is not authorized to connect to the queue manager.
- * On z/OS, for CICS applications, MQRC_CONNECTION_NOT_AUTHORIZED is issued instead.
- On an MQOPEN or MQPUT1 call, the user is not authorized to open the object for the option(s) specified.
- * On z/OS, if the object being opened is a model queue, this reason also arises if the user is not authorized to create a dynamic queue with the required name.
- On an MQCLOSE call, the user is not authorized to delete the object, which is a permanent dynamic queue, and the Hobj parameter specified on the MQCLOSE call is not the handle returned by the MQOPEN call that created the queue.
- On a command, the user is not authorized to issue the command, or to access the object it specifies. This

Completion Code:

MQCC_FAILED

Programmer Response:

Ensure that the correct queue manager or object was specified, and that appropriate authority exists.



Capitalware Inc.
90 Morrison Crescent,
Markham, Ontario, Canada
L3R 9K9
sales@capitalware.biz
<http://www.capitalware.biz>



Table of Contents

1 INTRODUCTION.....	1
1.1 OVERVIEW.....	1
1.2 EXECUTIVE SUMMARY.....	2
1.3 PREREQUISITES.....	2
1.3.1 Java.....	2
2 INSTALLING MQRC2-GUI.....	3
2.1 WINDOWS INSTALLATION.....	3
2.2 UNIX AND LINUX INSTALLATION.....	3
3 RUNNING MQRC2-GUI.....	4
3.1 EXAMPLES	5
3.1.1 Windows	5
3.1.2 Unix and Linux	5
4 APPENDIX A – SUPPORT.....	6
5 APPENDIX B – SUMMARY OF CHANGES.....	7
6 APPENDIX C – LICENSE AGREEMENT.....	8
7 APPENDIX D – NOTICES.....	12

1 Introduction

1.1 Overview

MQRC2-GUI (MQRC2-GUI) application can interpret an MQ reason code number (i.e. 2035), MQ reason code symbol (i.e. MQRC_OBJECT_IN_USE) or AMQ message number (i.e. AMQ4005) and display the relevant information from the *WebSphere MQ Messages* manual.

1.2 Executive Summary

The major features of MQRC2-GUI are as follows:

- Interprets an MQ reason code number, reason code symbol or AMQ Message Number
- Licensed under Apache License 2
- Free to use (support is extra)

1.3 Prerequisites

This section provides the minimum supported software levels.

1.3.1 Java

MQRC2-GUI requires Java v1.4 or higher.

2 Installing MQRC2-GUI

This section describes how to install Capitalware's MQRC2-GUI.

2.1 Windows Installation

To install MQRC2-GUI on Windows, do the following instructions:

- Run the install program called: **mqrc2gui-setup.exe**
- The installer follows the standard Windows install procedures and provides default values for the user.
- When the install program has completed execution, there will be a newly created folder under *Start -> All Programs* called **MQRC2-GUI**.
- To run MQRC2-GUI, select the MQRC2-GUI icon from within the MQRC2-GUI folder.

2.2 Unix and Linux Installation

To install MQRC2-GUI on Unix or Linux, do the following:

1. ftp or copy the selected mqrc2gui.tar.zip file to the target platform
2. Unzip the mqrc2gui.tar.zip to an appropriate directory with the following command:

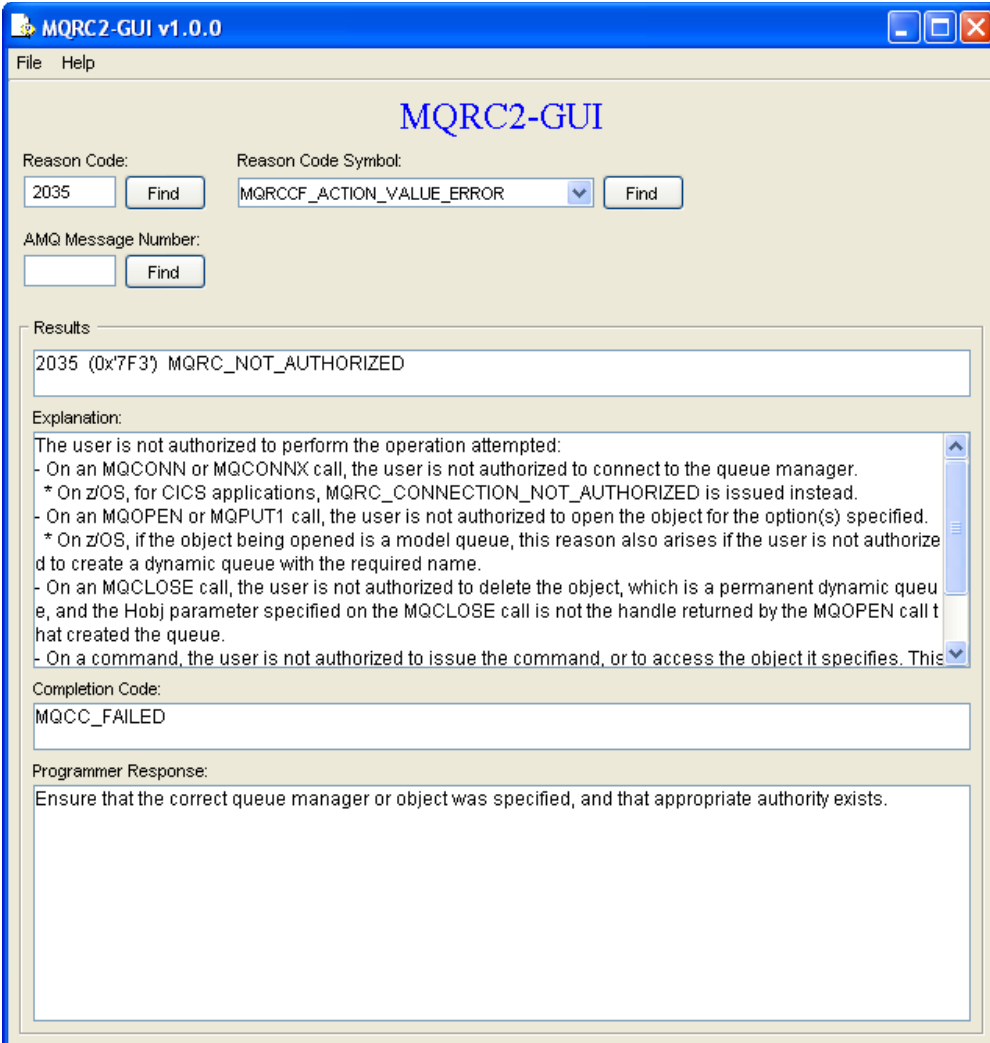
```
unzip mqrc2gui.tar.zip
```

3. Change directory to *Capitalware/MQRC2-GUI/*
4. Next, do the following command:

```
chmod +x *.sh
```

3 Running MQRC2-GUI

This section describes how to invoke MQRC2-GUI. MQRC2-GUI will display a window to perform the conversion of a hexadecimal number to its corresponding string representation or vice versa.



MQRC2-GUI v1.0.0

File Help

MQRC2-GUI

Reason Code: Find

Reason Code Symbol: Find

AMQ Message Number: Find

Results

2035 (0x7F3) MQRC_NOT_AUTHORIZED

Explanation:

- The user is not authorized to perform the operation attempted:
 - On an MQCONN or MQCONNX call, the user is not authorized to connect to the queue manager.
 - * On z/OS, for CICS applications, MQRC_CONNECTION_NOT_AUTHORIZED is issued instead.
 - On an MQOPEN or MQPUT1 call, the user is not authorized to open the object for the option(s) specified.
 - * On z/OS, if the object being opened is a model queue, this reason also arises if the user is not authorized to create a dynamic queue with the required name.
 - On an MQCLOSE call, the user is not authorized to delete the object, which is a permanent dynamic queue, and the Hobj parameter specified on the MQCLOSE call is not the handle returned by the MQOPEN call that created the queue.
 - On a command, the user is not authorized to issue the command, or to access the object it specifies. This

Completion Code:

MQCC_FAILED

Programmer Response:

Ensure that the correct queue manager or object was specified, and that appropriate authority exists.

3.1 Examples

3.1.1 Windows

To run MQRC2-GUI on Windows, select ***Start -> All Programs -> MQRC2-GUI -> MQRC2-GUI***

3.1.1.1 Command Prompt

To run MQRC2-GUI from a Windows Command Prompt, do the following commands:

```
cd \Capitalware\MQRC2-GUI
mqrc2-gui.exe
```

3.1.2 Unix and Linux

To run MQRC2-GUI on Unix or Linux, do the following commands:

```
cd Capitalware/MQRC2-GUI
./MQRC2-GUI.sh
```


4 Appendix A – Support

The support for MQRC2-GUI can be found at the following location (requires a support contract):

Online Help Desk Ticketing System at
www.capitalware.biz/phpst/

By email at:
support@capitalware.biz

By regular mail at:

Capitalware Inc.
Attn: MQRC2-GUI Support
90 Morrison Crescent
Markham, Ontario Canada
L3R9K9

5 Appendix B – Summary of Changes

- MQRC2-GUI v1.0.1
 - Added code to perform better number checking for Reason Code and AMQ Message Number fields
 - Fixed an issue with reason codes 2424 to 2539 and 6100 to 6129
- MQRC2-GUI v1.0.0
 - Initial release.

6 Appendix C – License Agreement

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Version 2.0, January 2004
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