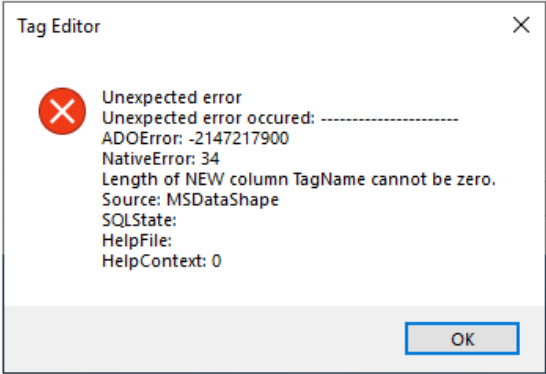


MSDataShape error when creating Function Block

KB-0062-22

Document Summary	
Article Type	User Guide
Products Affected	Exaquantum/PIMS
Versions Affected	R3.30, R3.40
Function Affected	Exaquantum Tag Editor
Available Resolution	Apply the latest Windows Updates
Audience	Administrators, System Integrators and Users
Summary	<p>Tag Editor unexpectedly errors when creating a Function Block. The error is:</p> 
Review Date	Document to be reviewed before November 2024

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Table of Contents

- Table of Contents 1
- Chapter 1 Introduction 2**
 - 1.1 Audience..... 2
- Chapter 2 Issue 3**
 - 2.1 Issue Description 3
 - 2.2 Root Cause..... 3
- Chapter 3 Issue Resolution..... 4**
 - 3.1 Resolution steps 4
- Chapter 4 Further Reading..... 5**
 - Copyright and Trademark Notices 6
 - Highlights..... 7

Chapter 1 Introduction

This document will detail the Exaquantum issue and the underlying root cause. There is then further detail on resolving the issue.

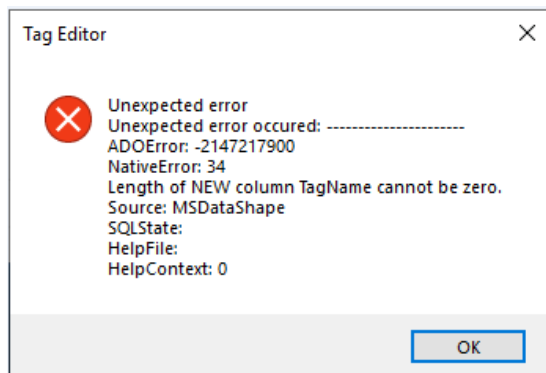
1.1 Audience

This guide is intended for users who are affected by the issue as well as system integrators and administrators trying to resolve the issue.

Chapter 2 Issue

2.1 Issue Description

When attempting to create a Function Block manually using the Tag Editor, an ADO MSDataShape error is displayed:



The issue can occur on either the Exaquantum Server or the Exaquantum Client.

2.2 Root Cause

The Windows 1809 code base introduced a change in the MSDataShape Provider (MSADDS) that causes this error.

The affected Windows versions are:

Windows 10, version 1809, all editions;

Windows Server 2019, all editions.

Currently supported versions of Exaquantum that support these operating systems are:

Exaquantum/PIMS R3.30

Exaquantum/PIMS R3.40

Chapter 3 Issue Resolution

3.1 Resolution steps

Install the latest Windows Updates. The fix is offered as part of a cumulative update for Windows.

The fix is incorporated into MSVCRT.DLL and is confirmed to be included in KB4495667. This KB will be superseded as per the Microsoft cumulative update cycle.

Chapter 4 Further Reading

For further information please visit the [Yokogawa Marex support website](#) or contact YMX at the support.ymx@yokogawa.com email address.

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Highlights

The Highlights section gives details of the changes made since the previous issue of this document.

- **Summary of Changes**

This is Issue 2.0 of the document related to Product Library version 2.0.

- **Detail of Changes**

The changes are as follows:

Chapter/Section/Page	Change
Front page	Review Date updated
Page 5	Email address updated