如何清除错误信息 257:5?

▼显示订货号

6ES7810-4..   SIMATIC S7, STEP7 Vx.x

说明:
下述的错误消息：
"257:5 One or more objects of a type cannot be displayed. ..."
由与服务器有关的另一个错误文本或者一个 STEP 7 无法找到或识别的文件来补充。这可能是由错误的安装或者版本冲突造成的。下表列出了另外两个附加错误文本以及原因描述和相应的补救措施，这些可能会随上述错误文本一起出现。

1. 无法加载用于 _S7UV_LIST_CT 对象的服务 's7uvpomx.dll'。
2. 无法加载用于 _S7H_DP_ETCR_INTGR_414_2_ROCF_CT 对象的服务 's7hkdmax.dll' 。
3. 无法加载用于 _SIPROM_CONTAINER_CT 对象的服务 'p7spumax.dll' 。
4. 无法加载用于 _AUT_TH_AT 对象的服务 's7jthomx.dll' 。
5. 无法加载用于 _S7H_PLC315_2DPD_Modul_CT 对象的服务 's7hk31ax.dll'。
6. 无法加载用于 _S7H_6ES7_315_1AF03_0AB0_CT 对象的服务 's7hk31ax.dll' 。
7. 无法加载用于 _S7H_6GK7_443_1BX00_0Xe_CT 对象的服务 's7wb53ax.dll' 。
8. 无法加载用于 _S7H_PLC314_Modul_CT 对象的服务's7hk31ax.dll' 。
9. 无法加载用于 _S7H_DP_PA_LINK_1_ETER_CT 对象的服务 's7hsl7ax.dll' 。
10. 无法加载用于 _S7H_CLASS_PC_WINCC_APPL_CT 对象的服务 's7wbpcwx.dll' 。
11. 无法加载用于 _S7H_6ES7_453_3AH00_0AE0_CT 对象的服务 's7fk45dx.dll' 。
12. 无法加载用于 _S7C_M7BLSTD_CT 对象的服务 's7cm7apx.dll' 。
13. 无法加载用于 _S70_PROGF_MEMCARD_CT 对象的服务 's7ombstx.dll' 。
14. 无法加载用于 _P7VR_CBPX_MM_ETER_CT 对象的服务 'p7vrislx.dll' 。
15. 无法加载用于 _S70_PROGF_MEMCARD_CT 对象的服务 's7ombstx.dll' 。
16. 无法加载用于 _S7H_SDBSERVICES 对象的服务 'S7hbom_x.dll' 。
17. 在 STEP 7 选项包安装后不能加载服务 'S7hprxyxdll' 。

序号.	对错误文本的解释:
1	**无法加载用于 _S7UV_LIST_CT 对象的服务 's7uvpomx.dll' 。** • 无法启动过程变量服务器。原因可能是在计算机上安装了一个 WinCC 的不兼容版本。 **补救措施:** 在兼容性列表中检查安装的软件包的版本。 在 STEP 7 目录中为文件 S7KOMP_x.PDF(x 代表语言：a = 德语, b = 英语, c = 法语, d = 西班牙语, e = 意大利语)。 • 原因也可能是STEP 7 版本的混合安装。在安装STEP 7 V5.x之前计算机上可能已经安装了STEP 7 的V4.0 版或V4.01 版。 **补救措施:** 建议完全卸载STEP 7。请按照条目号：189025 - "Complete deinstallation of STEP 7 including all software packages"所述来进行这一步。 • 在一些早期版本的 STEP 7 和早期版本的操作系统 MS Windows systems 95/98/ME/NT 中，在上述的错误信息描述前后文可能会出现错误信息显示 AUTOEXEC.bat 的路径未设置。 **补救措施:**

一些情况是由于当装载启动 DBL50T.DLL 文件时，文件不能被找到。此文件属于事件数据库中的数据库服务。它的连接位于目录 SQLANY（如.<Drive>:\SIEMENS\COMMON\SQLANY). 此目录必须包含在搜索路径中 (环境变量 PATH).

- STEP 7 安装在了通过 Novell 网络软件连接到办公网络的计算机上。
  补救措施:
  检查 Novell 网络连接的系统属性，按照 STEP 7 自述文件中的说明进行(2.3 节：使用网络驱动)。

2	**无法加载用于 _S7H_DP_ETCR_INTGR_414_2_ROCF_CT 对象的服务's7hkdmax.dll'。**
	- 无法找到 STEP 7 要求的文件。可能是项目中包含的对象所需的处理选项包没有安装。 **补救措施:** 重新安装 DVA_S7 包。

3	**无法加载用于 _SIPROM_CONTAINER_CT 对象的服务'p7spumax.dll'。**
	- 缺少允许 SIMATIC PDM 集成在 STEP 7 中的授权。该授权是除了 SIMATIC PDM 的基本授权之外需要安装的可选授权。 **补救措施:** 为了在 STEP 7 中集成 SIMATIC PDM，必须安装附加授权。

4	**无法加载用于 AUT_TH_AT 对象的服务's7jthomx.dll'。**
	- 要打开的 STEP 7 项目包含来自技术层选项包的文件。没有安装这个选项包，或者重新安装了 STEP 7 之后没有正确识别该选项包。 **补救措施:** 重新安装"Technological hierarchy"选项包。

5	**无法加载用于 _S7H_PLC315_2DPD_Modul_CT 对象的服务's7hk31ax.dll'。**
	- PC 中缺少 SINUMERIK 840D 选项包或者没有正确安装该选项包。 **补救措施:** 需要重新安装 SINUMERIK 840 D 选项包。 - 在 STEP 7 V5.x 版本中打开 STEP 7 的项目，但是 SINUMERIK 840D 选项包是用早于 V5 的版本安装的。 **补救措施:** 使用>= V5 的版本安装 SINUMERIK 选项包。

6	**无法加载用于 _S7H_6ES7_315_1AF03_0AB0_CT 对象的服务's7hk31ax.dll'。**
	- STEP 7 的项目中包含用 C7_626P 选项包创建的对象。没有正确安装该选项包或者根本没有安装该选项包。 **补救措施:** 安装 C7_626P 选项包。

7	**无法加载用于 _S7H_6GK7_443_1BX00_0Xe_CT 对象的服务's7wb53ax.dll'。**
	- STEP 7 的项目中包含来自 NCM 选项包的对象。

补救措施:
请安装 NCM 包。

8	**无法加载用于_S7H_PLC314_Modul_CT** 对象的服务**'s7hk31ax.dll'**。
	- STEP 7 的项目中包含来自 SINUMERIK 810 选项包的对象。 - **补救措施:** 请安装 SINUMERIK 810 包。

9	**无法加载用于_S7H_DP_PA_LINK_1_ETER_CT** 对象的服务**'s7hsl7ax.dll'**。
	- STEP 7 进行多种永久升级时可能会出现该出错消息。计算机上递次安装了几个比较旧的STEP 7 版本。 **补救措施:** 建议按照条目号189025所述，完全卸载包括已安装的选项包的STEP 7。

10	**无法加载用于_S7H_CLASS_PC_WINCC_APPL_CT** 对象的服务**'s7wbpcwx.dll'**。

	o STEP 7 的项目中包含来自 WinCC 选项包的对象。
	       补救措施:
	       请安装 WinCC 包。
	- **注意:**
	以下情况，带有人机接口设备（如 WinCC flexible）的 STEP 7 项目不能保存在服务器驱动器中:
	1. STEP 7 项目中包含多个人机接口项目
	2. 同时有两个或两个以上人机接口项目正在被处理。

11	**无法加载用于_S7H_6ES7_453_3AH00_0AE0_CT** 对象的服务**'s7fk45dx.dll'**。
	- STEP 7 的项目中包含来自参数设置软件 FM453 的对象。 **补救措施:** 请安装参数设置软件 FM453。

12	**无法加载用于_S7C_M7BLSTD_CT** 对象的服务**'s7cm7apx.dll'**。
	- STEP 7 的项目中包含来自用于 M7 的 C 选项包的对象。 **补救措施:** 请安装 M7 选项包。.

13	**无法加载用于_s7h.class_gk7_443_1xx_0xe0_ct** 对象的服务**'s7wb53ax.dll'**。
	- STEP 7 的项目中包含来自 NCM 选项包的对象。 **补救措施:** 请安装 NCM 包。

14	**无法加载用于_P7VR_CBPX_MM_ETER_CT** 对象的服务**'p7vrislx.dll'**。
	- STEP 7 的项目中包含来自 DriveES 选项包的对象。 **补救措施:**

	请安装 DriveES 包。
15	**无法加载用于_S70_PROGF_MEMCARD_CT 对象的服务's7ombstx.dll'。** 对于这条信息，我们建议做如下补救措施： - 检查虚拟主内存。 将虚拟主内存增大到至少 700 到 800MB。关于在不同操作系统中设置虚拟主内存的更多信息可从条目号：<u>20440472</u>(关于优化性能的说明)中得到。 - 关掉病毒扫描器，检查在没有病毒扫描器的情况下上述情形是否仍然发生。 - 同时，请参考 STEP 7 的自述文件中关于访问授权的说明。至少应以用户或标准用户(而非来客)登录，才能在 MS Windows 2000/2003/XP 中使用 STEP 7 进行工作。通过应用程序"Set PG/PC Interface"安装 STEP 7 软件和模块，需要有管理员权限。 - 在上述情形发生时，用"Save as"和"With reorganization (slow)"选项对 STEP 7 的项目做拷贝。 - 此外，在 Microsoft Windows 的安全更新安装过程中，可能注册表中的条目已经更改，这会导致上述情形发生。对此，建议重新安装 STEP 7 然后安装服务包(例如 STEP 7 V5.3 的 SP3)。
16	**无法加载用于 _S7H_SDBSERVICES 对象的服务 'S7hbom_x.dll' 。** - SIMATIC 软件的一些文件可能被损坏。 **补救措施:** 大多数情况下,可以通过 STEP 7 CD 光盘的修复功能来恢复 PC 上的软件。
17	**在 STEP 7 选项包安装后不能加载服务 'S7hprxyx.dll' 。** 如果安装完 SIMOTION SCOUT 软件或解压项目后 - 无法运行 SIMATIC 管理器或 SCOUT， - 可以打开 SIMOTION SCOUT,但打开项目时出现上述信息， - 菜单命令"File（文件） > New（新建）..."导致程序无响应， - 打开项目导致计算机死机， - 当打开 SIMATIC 管理器，提示一个或更多某类对象无法显示， - 当打开硬件组态时，提示上述错误信息， 推荐以下的补救措施： 1. 打开 SCOUT 和 SIMATIC 管理器。 2. 搜索在STEP 7 安装目录下所有的 "s7hCompressedMetaData.cmf" 文件。 在每一个项目文件目录下和s7met文件夹下都有一个此文件。 3. 删除这些文件。 4. 在"s7bin" 目录下运行 "s7alibxx.exe" 。

条目号:18832840   日期:2009-04-07

Scroll down for English:

How can you clear the error message 257:5?

▼Display part number

  6ES7810-4..   SIMATIC S7, STEP7 Vx.x

Instructions:

The error message described above:

"257:5 One or more objects of a type cannot be displayed. ..."

is complemented by a second error text that refers to the server or also a file that cannot be found or recognized by STEP 7. This could be due to a faulty installation or a version conflict. The following tables list the two additional error texts along with a description of the causes and the corresponding remedies, which might appear with the above-mentioned error text.

1. The server 's7uvpomx.dll' for _S7UV_LIST_CT objects could not be loaded.
2. The server 's7hkdmax.dll' for _S7H_DP_ETCR_INTGR_414_2_ROCF_CT objects could not be loaded.
3. The server 'p7spumax.dll' for _SIPROM_CONTAINER_CT objects could not be loaded.
4. The server 's7jthomx.dll' for _AUT_TH_AT objects could not be loaded.
5. The server 's7hk31ax.dll' for _S7H_PLC315_2DPD_Modul_CT objects could not be loaded.
6. The server 's7hk31ax.dll' for _S7H_6ES7_315_1AF03_0AB0_CT objects could not be loaded.
7. The server 's7wb53ax.dll' for _S7H_6GK7_443_1BX00_0Xe_CT objects could not be loaded.
8. The server 's7hk31ax.dll' for _S7H_PLC314_Modul_CT objects could not be loaded.
9. The server 's7hsl7ax.dll' for _S7H_DP_PA_LINK_1_ETER_CT objects could not be loaded.
10. The server 's7wbpcwx.dll' for _S7H_CLASS_PC_WINCC_APPL_CT objects could not be loaded.
11. The server 's7fk45dx.dll' for _S7H_6ES7_453_3AH00_0AE0_CT objects could not be loaded.
12. The server 's7cm7apx.dll' for _S7C_M7BLSTD_CT objects could not be loaded.
13. The server 's7wb53ax.dll' for _s7h.class_gk7_443_1xx_0xe0_ct objects could not be loaded.
14. The server 'p7vrislx.dll' for _P7VR_CBPX_MM_ETER_CT objects could not be loaded.
15. The server 's7ombstx.dll' for _S70_PROGF_MEMCARD_CT objects could not be loaded.
16. The server 'S7hbom_x.dll' for _S7H_SDBSERVICES could not be loaded.
17. The server 'S7hprxyxdll' could not be loaded after installation of a STEP 7 options package.

No.	Explanation of the error texts:
1	**The server 's7uvpomx.dll' for _S7UV_LIST_CT objects could not be loaded.** • The process variable server cannot be started. The cause here might be that a non-compatible version of WinCC is installed on your computer. **Remedy:** Check the version of the software package installed with the compatibility list. This is available in your STEP 7 directory as file S7KOMP_x.PDF (x stands for the language: a = German, b = English, c = French, d = Spanish, e = Italian). • The cause might also be that you have a mixed installation of STEP 7. Before installing STEP 7 V5.x you probably had STEP 7 version V4.0 or V4.01 installed on your PC. **Remedy:** We recommend that you uninstall STEP 7 completely. For this please proceed as described in Entry ID: 189025 - "Complete deinstallation of STEP 7 including all software packages". • In the context of the error message described above it was displayed in some previous versions of STEP 7 and under the earlier MS Windows systems 95/98/ME/NT that the paths are not set in the AUTOEXEC.bat. **Remedy:** In some cases you get the message when booting that the file DBL50T.DLL could not be found. This file belongs to the database server of the event database. It is in the directory that the SQLANY variable links to (e.g. <Drive>:\SIEMENS\COMMON\SQLANY). This directory must be included in the search path (Environment variable PATH). • STEP 7 is installed on a computer that is connected to an office network via the Novell network software.

	Remedy: Check the system attributes of the Novell network connection and follow the notes given in the readme of STEP 7 (section 2.3 Using network drives).
2	**The server 's7hkdmax.dll' for _S7H_DP_ETCR_INTGR_414_2_ROCF_CT objects could not be loaded.** • A file required by STEP 7 could not be found. Probably the project contains objects for which an options package that is not installed is required to process them. **Remedy:** Reinstall the DVA_S7 package.
3	**The server 'p7spumax.dll' for _SIPROM_CONTAINER_CT objects could not be loaded.** • An authorization permitting SIMATIC PDM to be integrated in STEP 7 is missing. This authorization is an optional authorization that has to be installed in addition to the basic authorization of SIMATIC PDM. **Remedy:** The additional authorization for integrating SIMATIC PDM in STEP 7 must be installed.
4	**The server 's7jthomx.dll' for _AUT_TH_AT objects could not be loaded.** • The STEP 7 project to be opened contains files from the technological hierarchy options package. Either this options package is not installed or is not correctly recognized after STEP 7 has been overinstalled again. **Remedy:** Reinstall the "Technological hierarchy" options package.
5	**The server 's7hk31ax.dll' for _S7H_PLC315_2DPD_Modul_CT objects could not be loaded.** • The options package SINUMERIK 840D is missing or incorrectly installed on your PC. **Remedy:** You must reinstall the SINUMERIK 840 D options package. • The STEP 7 project is opened with STEP 7 V5.x, but the SINUMERIK 840D options package is installed with a version earlier that V5. **Remedy:** Install the SINUMERIK options package with a version >= V5.
6	**The server 's7hk31ax.dll' for _S7H_6ES7_315_1AF03_0AB0_CT objects could not be loaded.** • Your STEP 7 project contains objects that have been created with the C7_626P options package. Either this options package is installed incorrectly on your PC or not at all. **Remedy:** Install the C7_626P options package.
7	**The server 's7wb53ax.dll' for _S7H_6GK7_443_1BX00_0Xe_CT objects could not be loaded.** • Your STEP 7 project contains objects from the NCM options package. **Remedy:** Please install the NCM package.

8	**The server 's7hk31ax.dll' for _S7H_PLC314_Modul_CT objects could not be loaded.**
	• Your STEP 7 project contains objects from the SINUMERIK 810 options package. **Remedy:** Please install the SINUMERIK 810 package.
9	**The server 's7hsl7ax.dll' for _S7H_DP_PA_LINK_1_ETER_CT objects could not be loaded.**
	• The error message probably appears as a result of multiple permanent STEP 7 upgrades. There are several older versions of STEP 7 installed on top of each other on the computer. **Remedy:** We recommend that you deinstall STEP 7 completely including the options packages installed, as described in Entry ID 189025.
10	**The server 's7wbpcwx.dll' for _S7H_CLASS_PC_WINCC_APPL_CT objects could not be loaded.**
	• Your STEP 7 project contains objects from the WinCC options package. **Remedy:** Please install the WinCC package. **Note:** A STEP 7 project with HMI devices (e.g. WinCC flexible) cannot be saved on a server driver if 1. Multiple HMI projects are contained in a STEP 7 project and 2. Two or more HMI projects are to be processed at the same time.
11	**The server 's7fk45dx.dll' for _S7H_6ES7_453_3AH00_0AE0_CT objects could not be loaded.**
	• Your STEP 7 project contains objects from the FM453 parameterization software. **Remedy:** Please install the FM453 parameterization software.
12	**The server 's7cm7apx.dll' for _S7C_M7BLSTD_CT objects could not be loaded.**
	• Your STEP 7 project contains objects from the C options package for M7. **Remedy:** Please install the M7 options package.
13	**The server 's7wb53ax.dll' for _s7h.class_gk7_443_1xx_0xe0_ct objects could not be loaded.**
	• Your STEP 7 project contains objects from the NCM options package. **Remedy:** Please install the NCM package.
14	**The server 'p7vrislx.dll' for _P7VR_CBPX_MM_ETER_CT objects could not be loaded.**
	• Your STEP 7 project contains objects from the DriveES options package. **Remedy:**

		Please install the DriveES package.
15		**The server 's7ombstx.dll' for _S70_PROGF_MEMCARD_CT objects could not be loaded.** We recommend the following remedies for this message: • Check the virtual main memory. Increase the virtual main memory to at least 700 to 800 MB. More information on setting the virtual main memory in the various operating systems is also available in Entry ID: 20440472 (Notes on optimizing performance). • Switch off the virus scanner and check whether the behavior described still occurs without the virus scanner. • Please also refer to the notes in the readme file of STEP 7 concerning access authorization. You must be logged in at least as user or standard user (not as guest) in order to be able to work with STEP 7 in MS Windows 2000/2003/XP. You need administrator rights to install the STEP 7 software and install modules via the application "Set PG/PC Interface". • Make a copy of the STEP 7 project in which the behavior described above occurs, using "Save as" together with the option "With reorganization (slow)". • Furthermore, it is possible that entries in the Register have been changed through the installation of a security update in Microsoft Windows, which causes the behavior described above. For this we recommend reinstalling STEP 7 and then installing a Service Pack (e.g. SP3 for STEP 7 V5.3).
16		**The server 'S7hbom_x.dll' for _S7H_SDBSERVICES could not be loaded.** • Some of the SIMATIC software files might be damaged. **Remedy:** In most cases, the repair function on the STEP 7 CD can be used to restore the software status on your PC.
17		**The server 'S7hprxyx.dll' could not be loaded after installation of a STEP 7 options package.** If after installing the SIMOTION SCOUT software or after dearchiving the project • you cannot start the SIMATIC Manager or SCOUT, • you can start SIMOTION SCOUT, but when you open a project, the message described above appears, • the menu command "File > New ..." causes the program to crash, • opening a project causes the computer to crash, • when you open the SIMATIC Manager, you get a message indicating that one or more objects of a type cannot be displayed, • when you open the hardware configuration, the error message described above is displayed, we recommend the following remedy. 1. Open SCOUT and the SIMATIC Manager. 2. Search for all the "s7hCompressedMetaData.cmf" files in the STEP 7 installation directory. There is one in the s7met subdirectory and one in each project directory. 3. Delete those files. 4. Run the application "s7alibxx.exe" in the "s7bin" directory.

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