



**teamstudio**  
Get the most from Notes®

Software tools for efficient Notes® development and simple, secure administrator control

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# Teamstudio® Upgrade Filters

## Domino® Version Compatibility Standards

- › More than 100 unique filters
- › Reports on a variety of Lotus Notes® R5 and Notes®/Domino 6, 7, and 8.5 compliance issues
- › Working with Teamstudio Analyzer, scans database designs and identifies compatibility issues before the production phase
- › Recommends changes based on new Notes functionality

Teamstudio Upgrade Filters reduce the challenges associated with manually scanning database designs in preparation for version upgrades. This set of over 100 filters reports on a variety of Notes®/Domino® compliance version issues across your entire database, including changes in LotusScript®. These filters shorten the Notes®/Domino® upgrade process by automating potential problem discovery, thus ensuring a trouble-free upgrade from one Notes/Domino release to another.

#### Related products:

[Teamstudio Analyzer](#)  
[Teamstudio Build Manager](#)

### Smoothing The Notes®/Domino® Upgrade Process

Manually upgrading applications from one version of Lotus Notes® to another can expose an organization to multiple functional and compatibility issues. In a typical upgrade process, administrators or developers begin by examining a sample application to benchmark the time and resources required to complete the analysis across the server or enterprise and make the necessary design changes per application. Before this analysis can begin, however, someone must research all the possible areas where compatibility could be an issue, and then manually scan the relevant areas of the design for non-compliance.

With Teamstudio Upgrade Filters, the time-consuming research and documentation portion of this task is condensed into minutes. Design changes take less time, as does testing those changes, because the potential problems are clearly identified.

With Teamstudio Upgrade Filters you can:

- Audit database designs across your entire system to identify areas that may impede the upgrade process
- Catch conflicts that arise with applications written under older Notes versions
- Catch regression issues
- Receive recommendations on new Notes functionality

**Teamstudio® Upgrade Filters: Filter Definition**

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Filter Name: Differences in String Handling result in Different @URLDecode Behavior between ND6 and ND7 / ND8

Filter Active:  Yes  No

Severity:  High  Low (Warning)  Medium  Suspect

Filter Class: All, ND6.x / ND7 Compatibility, ND8 Compatibility, R4.x / ND7 Compatibility, R5.x / ND7 Compatibility

Comment:

Lotus has updated the way certain characters are processed within @Functions, such as the new-line character. This impacts functions which create or parse macro code, including @URLDecode, which tries to encode text strings into a format that's safe to use in a valid URL. If the text you are passing to @URLDecode contain new-line or other similar characters the result will be different in ND7 / ND8 than in ND6.

If your code contains this function, test with every possible string your application processes with @URLDecode to make sure you are getting the expected results.

Appeared in Build:

Teamstudio Upgrade Filters provide complete information on compatibility issues, including severity and comments on possible fixes.