



TM1 Technical Bulletin

TM1 Handling of Multiple Consecutive Quote Characters in MDX (330815)

Date: April 13, 2007

Relevant TM1 Versions: 9.1 SP2 and later

This bulletin describes a change to the way MDX names containing more than one consecutive single quote character are handled in TM1 version 9.1 SP2 and later. This change may effect applications that were developed prior to 9.1 SP2.


Prior to 9.1 SP2, TM1 was "unescaping" sequences of two consecutive single quotes, converting them to one single quote. Such escaped single quotes in names are standard in MDX, but only when the names appear in the formula definitions of calculated members or named sets. TM1 was trying to unescape single quotes *anywhere* in an MDX statement, not just in calculated member or named set formula definitions. For example, prior to 9.1 SP2 the quotes in the name

```
[AAA_PP_END_USER].[PPU ""CHEMCO"" - (9370)]
```

would be unescaped to yield

```
[AAA_PP_END_USER].[PPU "CHEMCO" - (9370)].
```

As of TM1 9.1 SP2, TM1 unescapes single quotes only when in the aforementioned formula definitions, as is standard.



Because this change corrects an instance of non-standard behavior, it's possible that existing applications that were developed to accommodate this non-standard behavior will be broken in TM1 9.1 SP2. Such breakage would occur only when literal names that include multiple consecutive single quotes are involved.

