
Converter from Cache to GT.M

Release 1.10

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December 22, 2011

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Abstract

This article describes a M Routine that can take other M routines from the Intersystems Cache environment and convert them to a format suitable for being used in GT.M.

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1 Introduction

There are certain differences between the format of M routines that are used in Intersystems Cache and GT.M. The M routine in this contribution is a helpful tool for converting M routines from an Intersystems Cache environment to a format that can be used in GT.M.

2 How to use the code

2.1 Platform

This routine was written for Cache that runs on a Windows PC.

2.2 Running the code

In order to run this code, please execute the following steps:

- Create a GTM folder in the root folder of the namespace that this routine runs in.
- Run **^LTUGTM** to specify which routines to convert.
- Run **ALL^LTUGTM** to have the utility convert all routines in the namespace from A to ZZZZZZZ.

3 Source Code Repository

The code is being hosted in the following Git repository:

- <https://github.com/OSEHR/CacheToGTM>

4 Portability Suggestions

This routine can probably be modified to run in a Cache VMS environment by asking the user for a directory to put the .m files into and replacing the literal "GTM/" with that variable.

5 Source Code

Given that this is a very compact code base, we can list it here for your convenience.

```

1 Cache for Windows NT^INT^Cache to GTM routine converter^^Format=Cache.S~
2 %RO on 22 Dec 2011    1:54 PM
3 LTUGTM^INT^1^62447,49969^0
4 LTUGTM ;SLC-ISC/RJS - utility: Save Cache Routines For GTM;3/02/10    08:31
5 ;
6 ;
7 S ;
8 ;
9 N RDATE
10 ;
11 S X="N",%DT="T" D ^%DT
12 S RDATE=$P(Y,".",1)_"-"_$E($P(Y,".",2)_"0000",1,4)
13 ;
14 W !,"Routine: " R RTN Q:'$L(RTN)
15 I '$D(^ROUTINE(RTN)) W !,"Routine """,RTN,"" not found" Q
16 ;
17 S HOME=$I
18 S FILE="GTM/"_RTN_.m"
19 O FILE:("WN"):1 E U HOME W !,"Not able to create file..." Q
20 ;
21 U FILE X "ZR ZL "_RTN_" F CNT=1:1 S LINE=$T(+CNT) Q:'$L(LINE)
22 W $P(LINE," " ",1),$C(9),$P(LINE," " ",2,$L(LINE," " ")), $C(10) "

```

```

23 C FILE
24 ;
25 Q
26 ALL ;
27 ;
28 N RDATE
29 ;
30 S HOME=$I
31 S X="N",%DT="T" D ^%DT
32 S RDATE=$P(Y,".",1)_"-_"$E($P(Y,".",2)_"0000",1,4)
33 ;
34 S RTN="A" F S RTN=$O(^ROUTINE(RTN)) Q:'$L(RTN) Q:(RTN]"ZZZZZZZ") D
35 .U HOME W !,"Routine: ",RTN
36 .;
37 .S FILE="GTM/"_RTN_".m"
38 .O FILE:("WN"):1 E U HOME W !,"Not able to create file..." Q
39 .;
40 .U FILE X "ZR ZL "_RTN_" F CNT=1:1 S LINE=$T(+CNT) Q:'$L(LINE)
W $P(LINE," " ",1),$C(9),$P(LINE," " ",2,$L(LINE," " ")), $C(10) "
41 .;
42 .C FILE
43 ;
44 Q
45 ;

```