

Question

[Daniel Bertozzi](#) · May 14, 2021

Luhn Mod N in Cache?

Hi all

I'm trying to recreate this method below in Cache/IRIS.

[https://en.wikipedia.org/wiki/Luhn_mod_N_algorithm_ISO-7812-1_\(LUHN-10\)](https://en.wikipedia.org/wiki/Luhn_mod_N_algorithm_ISO-7812-1_(LUHN-10))

I've been following the javascript example. It seems simple in theory but i'm struggling with which cache methods to pick.

\$LENGTH, \$System.SQL.FLOOR() - seem ok

\$EXTRACT - I think for .charAt (though may need to correct base)

\$FIND - for .indexOf

Any suggestion which would be the best ones for the job?

Thanks

Dan

[#ObjectScript](#) [#Caché](#) [#Ensemble](#) [#InterSystems IRIS for Health](#)

Product version: IRIS 2019.1

\$ZV: IRIS for Windows (x86-64) 2019.1.1 (Build 615_1_20704U) Thu Mar 18 2021 15:49:22 EDT

Source URL: <https://community.intersystems.com/post/luhn-mod-n-cache>