Natural CICS Interface Threadsafe Considerations

The Natural CICS interface can be defined threadsafe and can take advantage of OTE TCBs to improve through-put.

This means that the Natural CICS interface has to provide for extra serialization via CICS ENQ / DEQ when not running under the QR TCB.

To minimize these serialization efforts, it is highly recommended

- to use `TYPE=GETM` threads without the `THREADS` parameter specified (or `THREADS=0`),

- to use the *Natural Roll Server* rather than roll facilities in CICS.

Notes:

1. Adabas in CICS has to be threadsafe too, that is, this functionality cannot be used with Adabas versions prior to Version 8.
2. All user programs defined as `CSTATIC` have to be threadsafe.
3. All dynamic user programs which are invoked via standard linkage conventions either explicitly (that is, using the terminal command `%P=S`, `%P=SC`, `*P=L` or `%P=LS`) or implicitly (that is, when the `NCIPARM` generation parameter `SLCALL` is set to `YES`) have to be treadsafe.