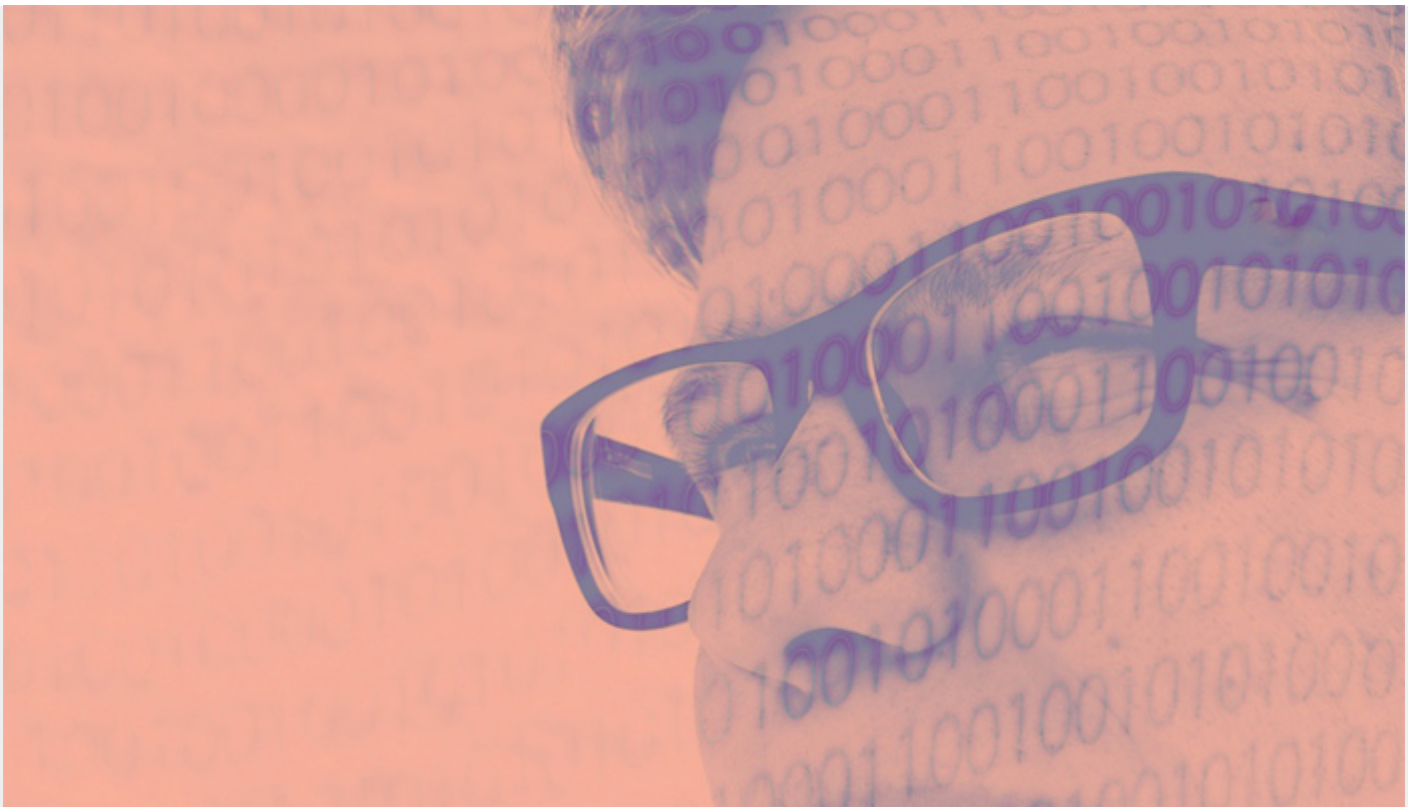
COMMANDS IN DB2 12

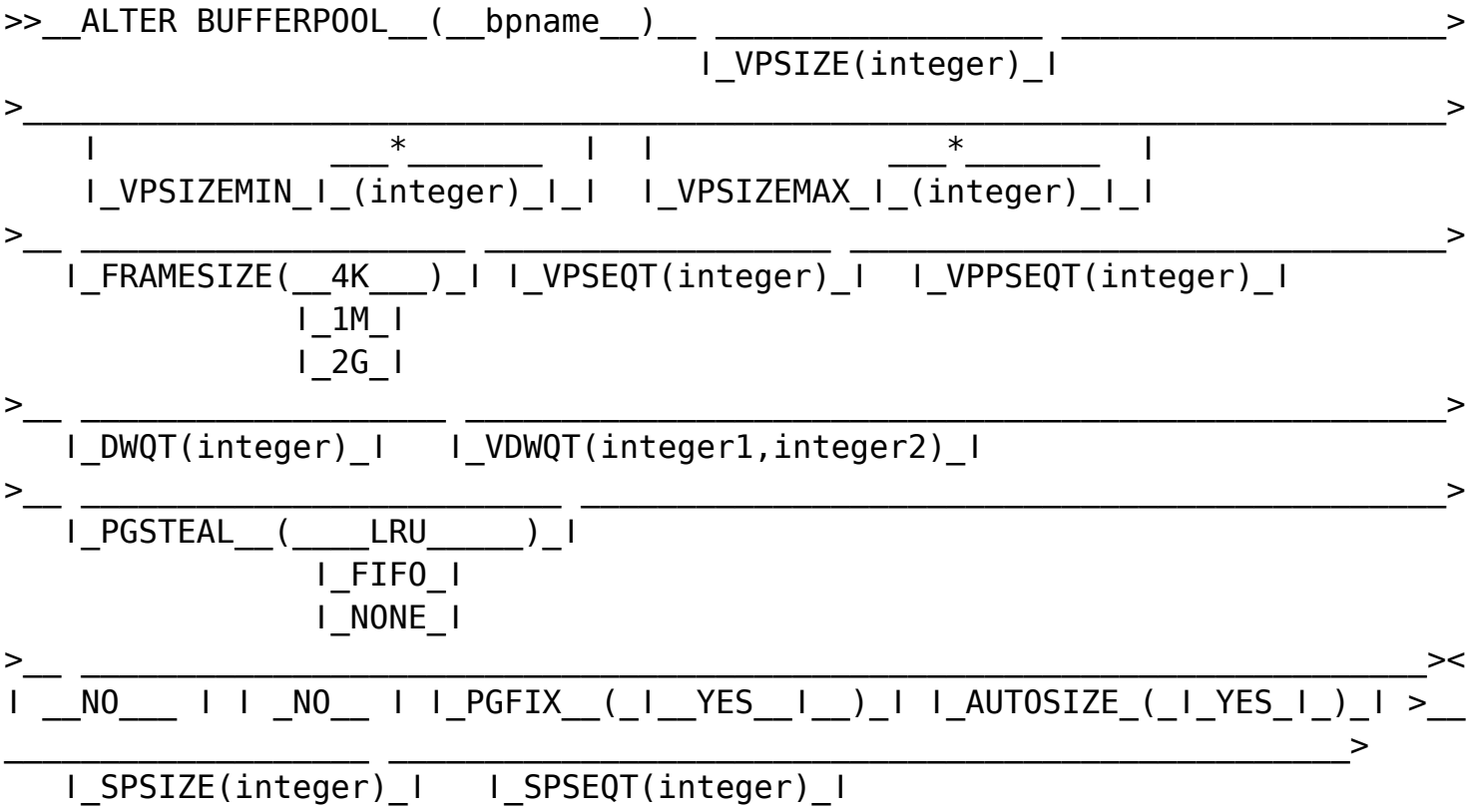


-ACCESS DATABASE

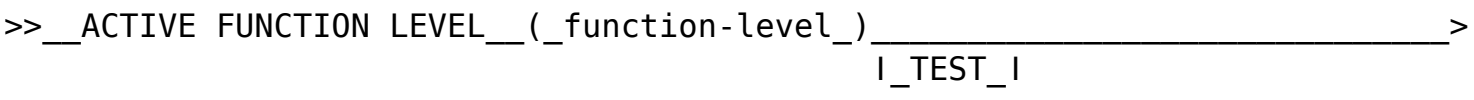
```
                              <_ ,_____________ >>__ACCESS
DATABASE__(______database-name_I________)_______________________>
                        I_*_____________________I
                        I_dbname1:dbname2_______I
                        I_dbname*_______________I
                        I_*dbname_______________I
                        I_*dbname*______________I
                        I_*dbstring1*dbstring2*_I
> ____________________________________________________________________>
 I                </_><_ ,________                                      I
 I_SPACENAM(_ ___space-name_I________)_____________________________I
             I_*_____________________________II         <_,_______ I
I_spacename1:spacename2_______II_PART(_ ___integer_I_)_I
I_spacename*__________________I I_int1:int2_I I_*spacename__________________I
I_*spacename*_________________I I_*spacestring1*spacestring2*_I
>_____MODE(__OPEN_______)_____________________________________________><
I_NGBPDEP_I
           I_STATS___I
```

(This article is part of our Db2 Guide. Use the right-hand menu to navigate.)

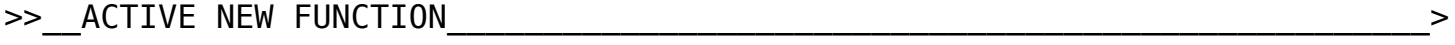
-ALTER BUFFERPOOL



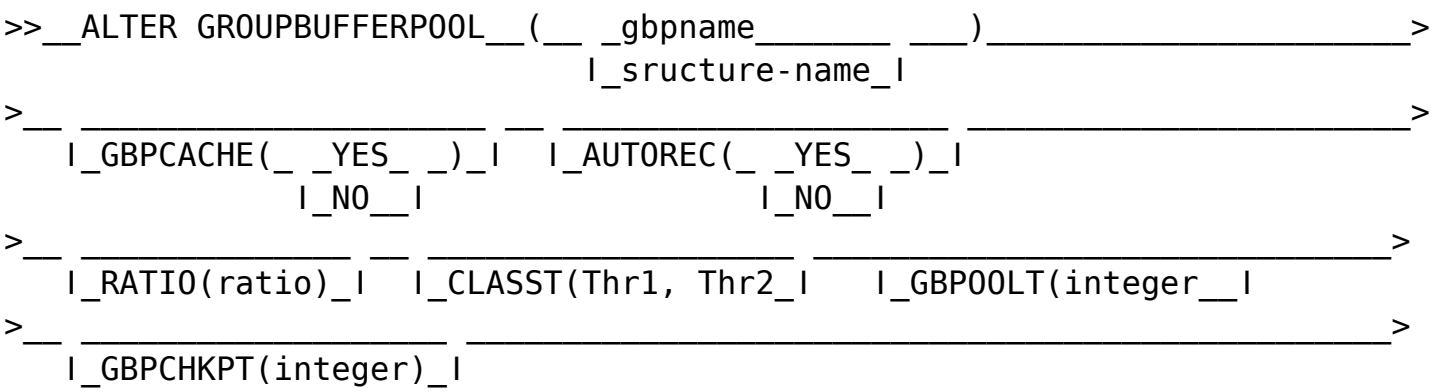
-ACTIVATE



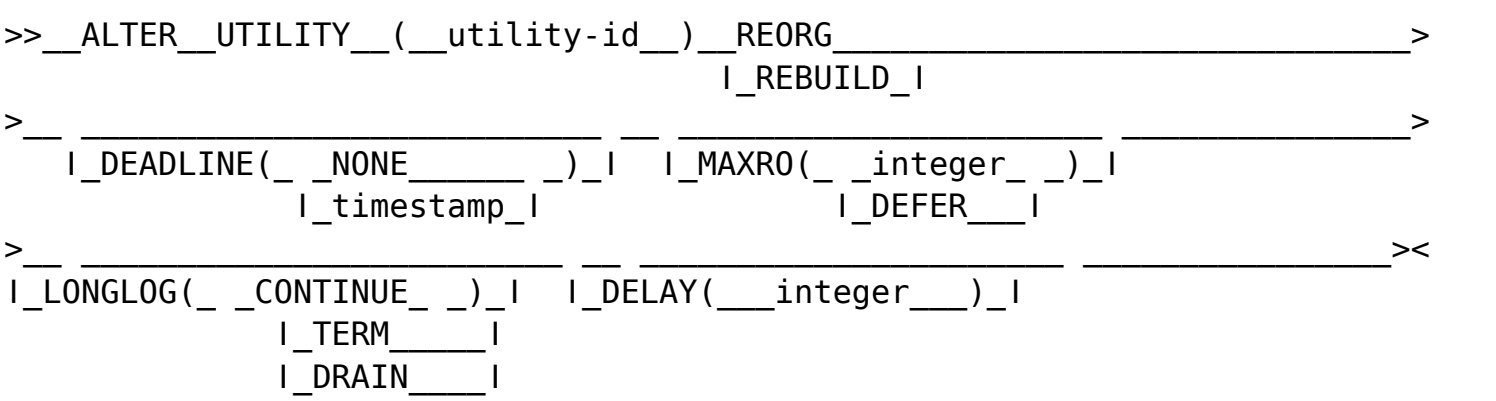
-ACTIVATE NEW FUNCTION



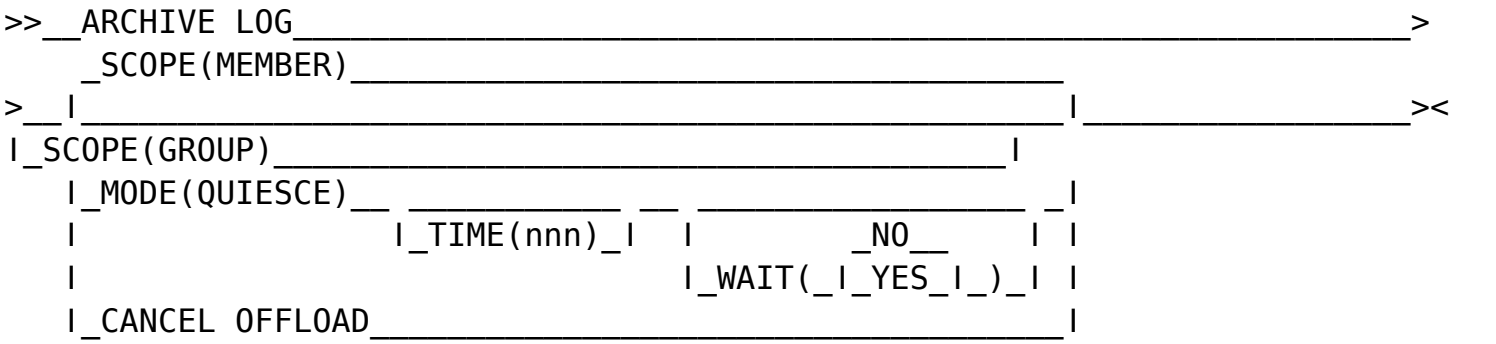
-ALTER GROUPBUFFERPOOL



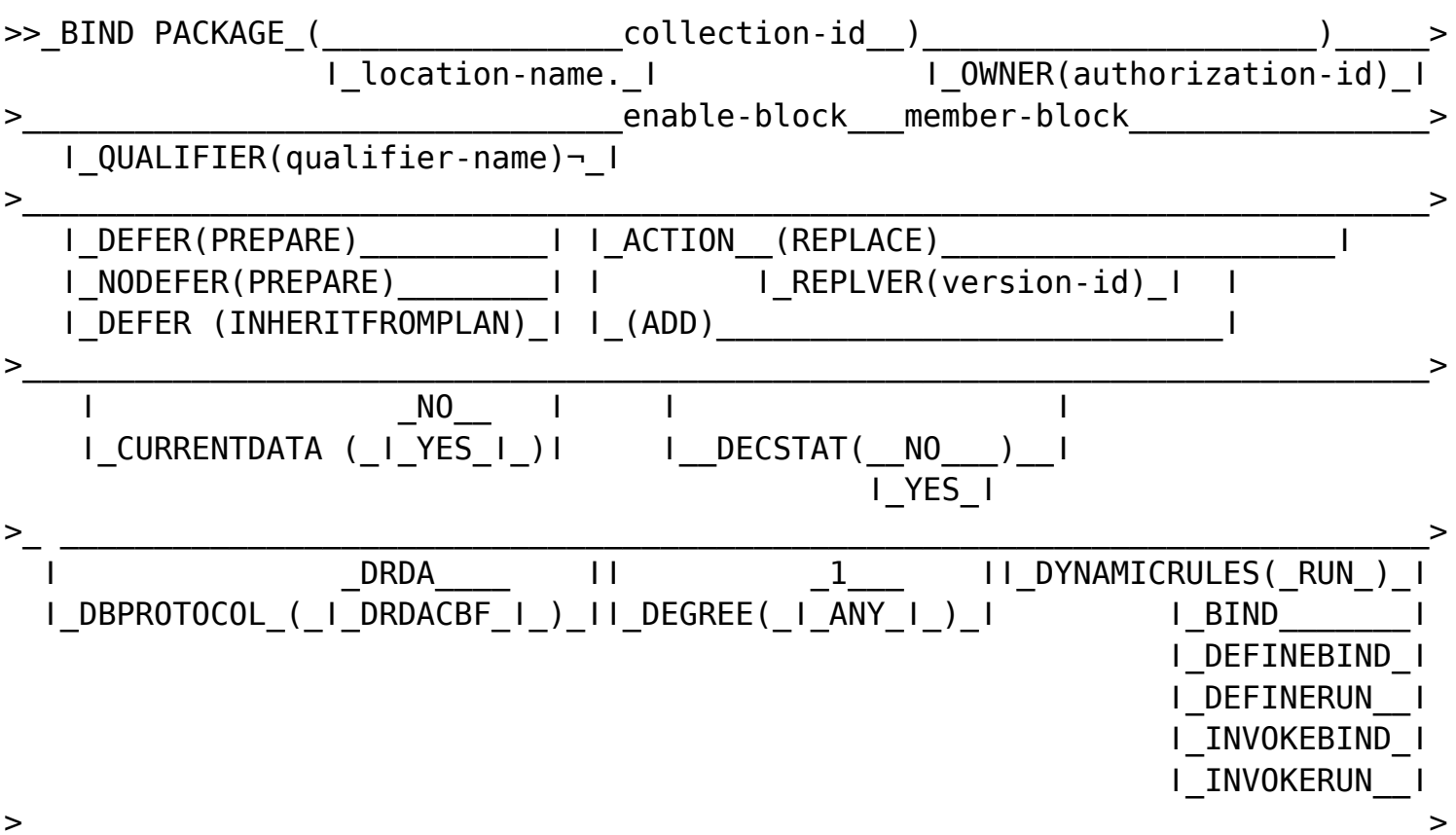
-ALTER UTILITY

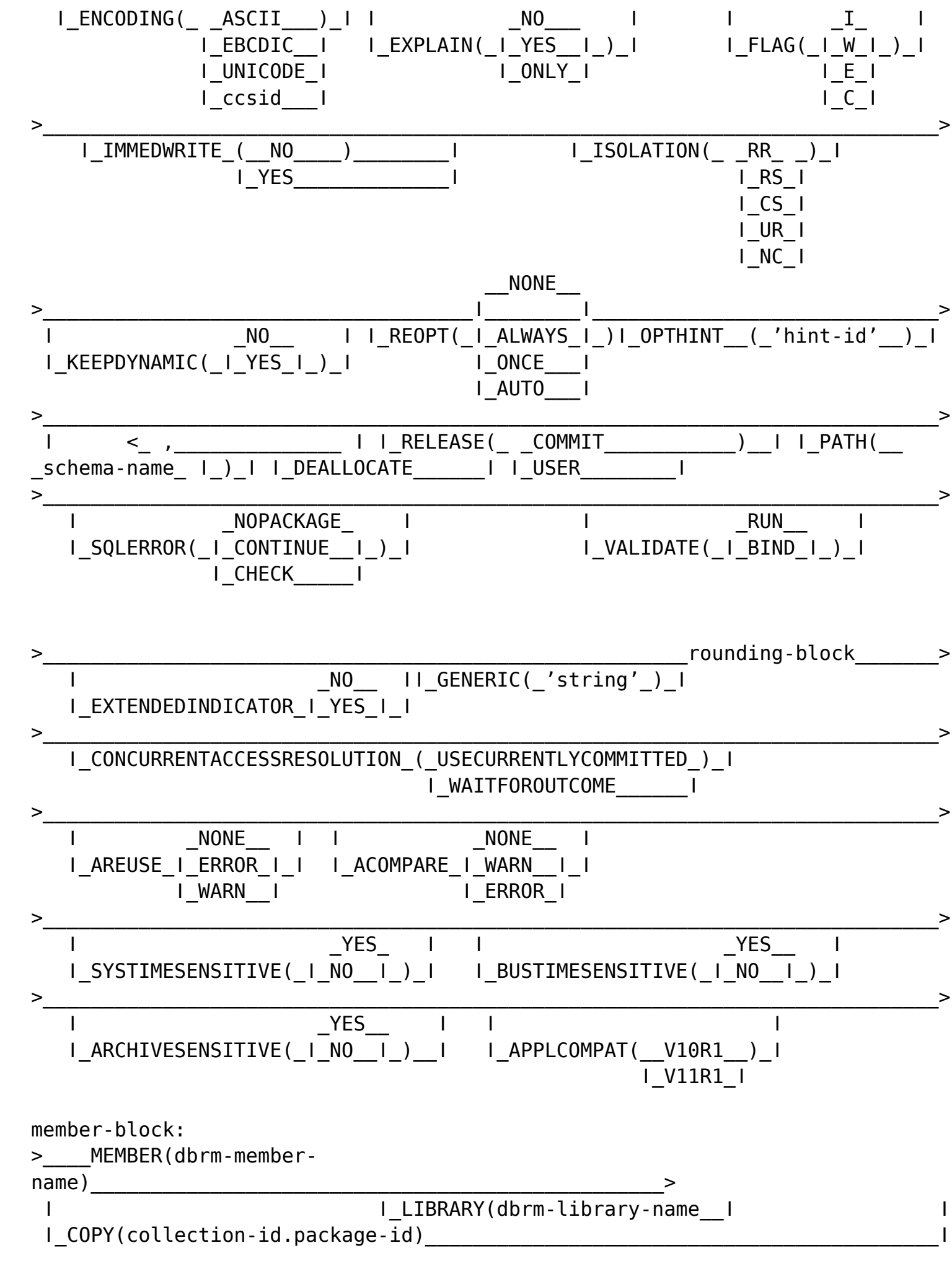


-ARCHIVE LOG

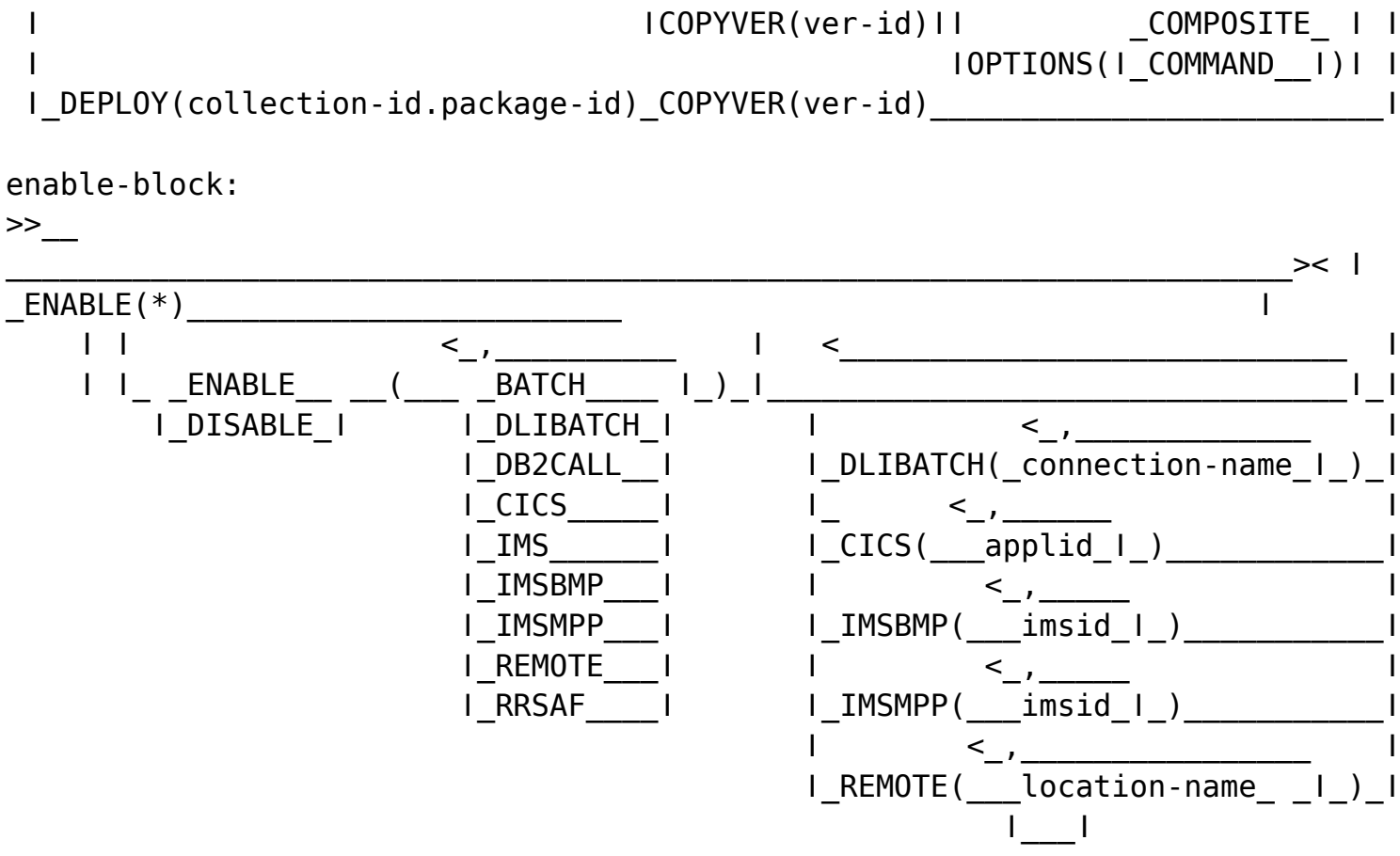


-BIND PACKAGE

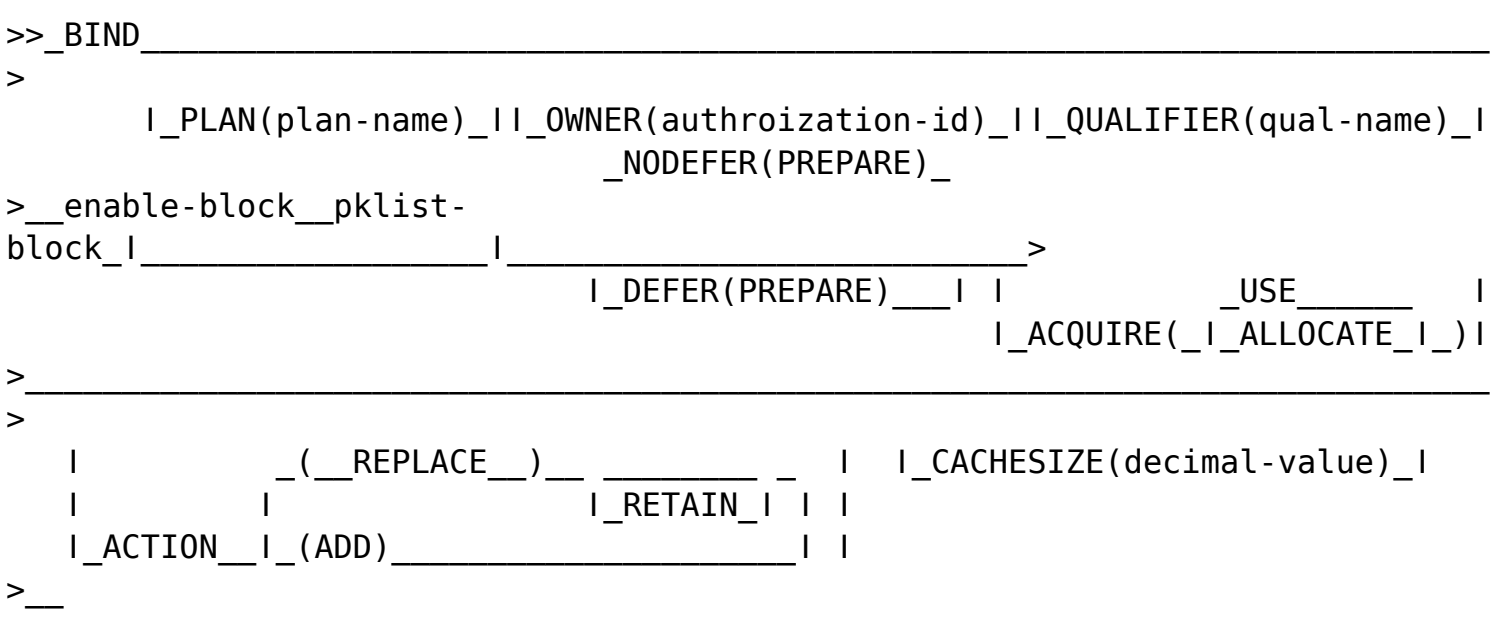


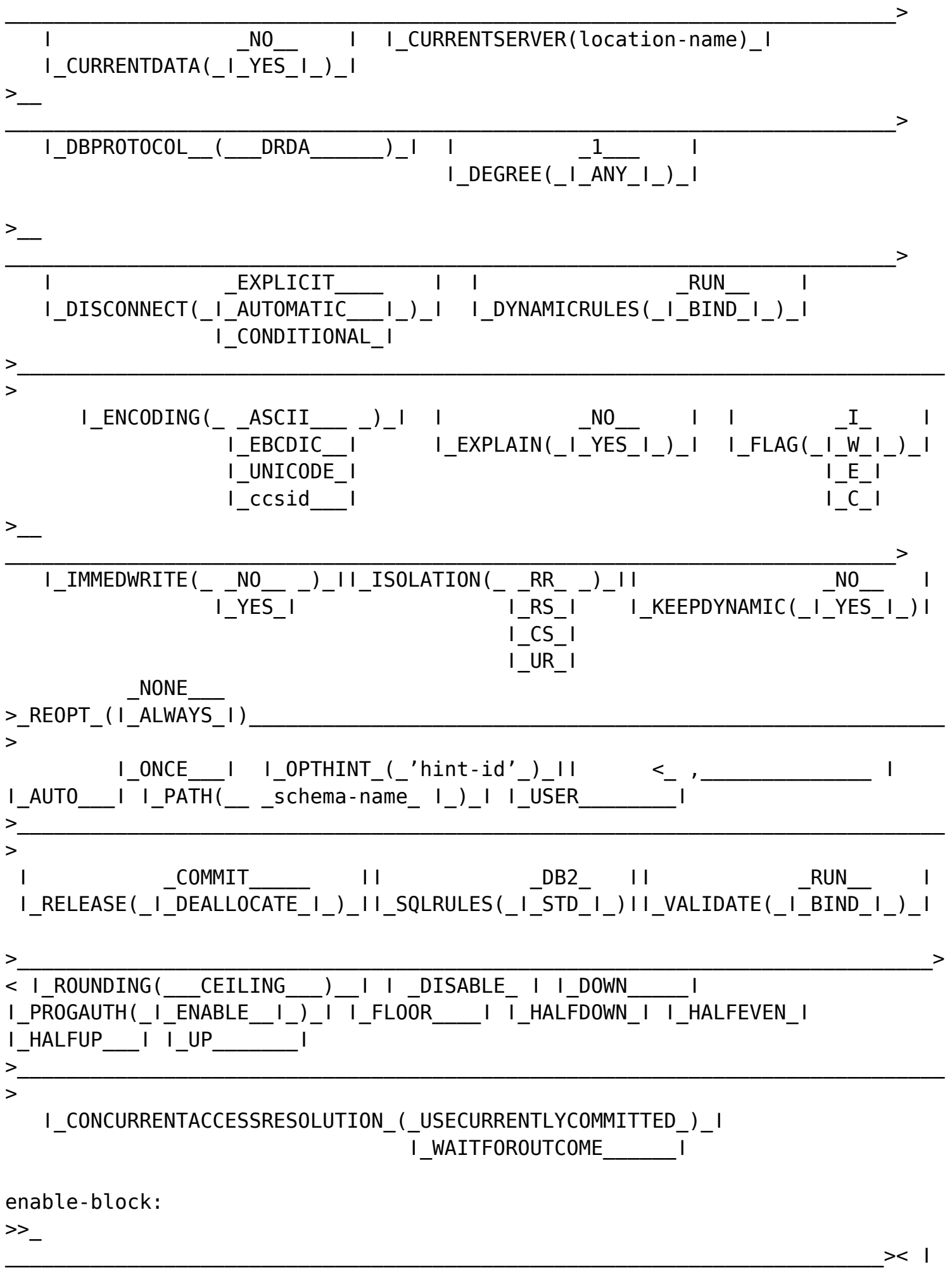


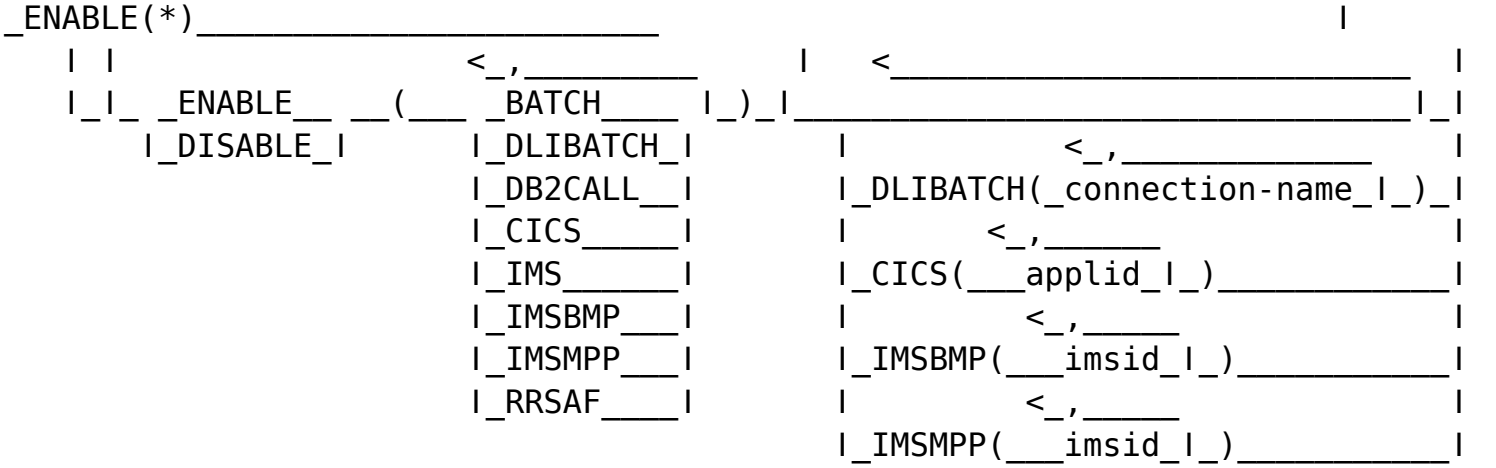
member-block:

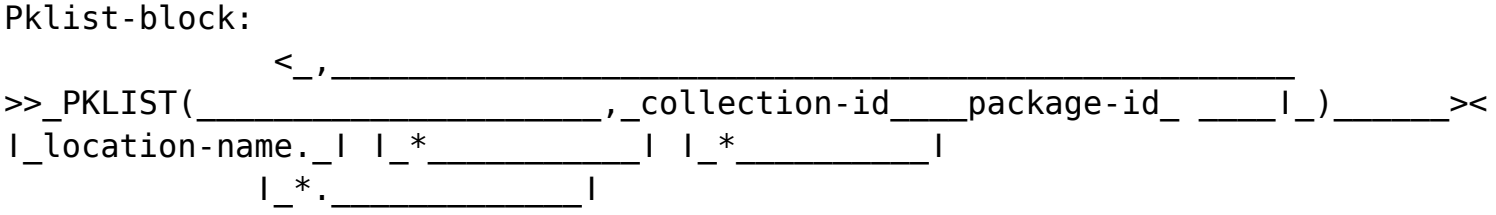

|COPYVER(ver-id)||_COMPOSITE_ | |
|OPTIONS(|_COMMAND__|)| |
|_DEPLOY(collection-id.package-id)_COPYVER(ver-id)_____|
enable-block:
>>__
_____><
_ENABLE(*)_____
<_,_____
<_____
|_ _ENABLE__ __(___ _BATCH____ |_)_|_____|_|
|_DISABLE_|
|_DLIBATCH_|
|_DB2CALL__|
|_CICS_____|
|_IMS______|
|_IMSBMP___|
|_IMSMPP___|
|_REMOTE___|
|_RRSAF____|
_DLIBATCH(_connection-name_	_)_
_CICS(___applid_	_)_____
_IMSBMP(___imsid_	_)_____
_IMSMPP(___imsid_	_)_____
_REMOTE(___location-name_ _	_)_
___
rounding-block:
>>__ROUNDING__(__CEILING______)_____>
< |_DOWN_____|
|_FLOOR____|
|_HALFDOWN_|
|_HALFEVEN_|
|_UP_______|

-BIND PLAN


>>_BIND_____
>
|_PLAN(plan-name)_||_OWNER(authroization-id)_||_QUALIFIER(qual-name)_|
NODEFER(PREPARE)
>__enable-block__pklist-
block_|_____|_____>
|_DEFER(PREPARE)___| |_USE______
|_ACQUIRE(_|_ALLOCATE_|_)|
>_____
>
_(__REPLACE__)__ _____ _
|_CACHESIZE(decimal-value)_|
|_RETAIN_| | |
|_ACTION__|_(ADD)_____| |
>__

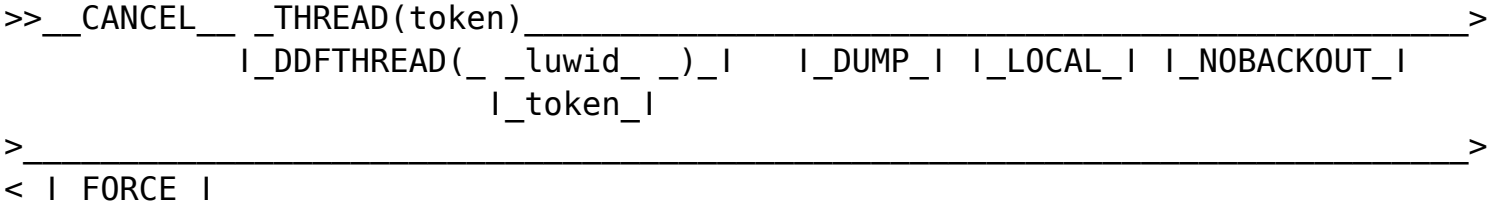

_NO__
I_CURRENTSERVER(location-name)_I
I_CURRENTDATA(_I_YES_I_)_I
I_DBPROTOCOL__(___DRDA_____)_I
_1___
I_DEGREE(_I_ANY_I_)_I
_EXPLICIT____
I_DISCONNECT(_I_AUTOMATIC___I_)_I
I_CONDITIONAL_I
_RUN__
I_DYNAMICRULES(_I_BIND_I_)_I
I_ENCODING(_ _ASCII___ _)_I
I_EBCDIC__I
I_UNICODE_I
I_ccsid___I
_NO__
I_EXPLAIN(_I_YES_I_)_I
_I_
I_FLAG(_I_W_I_)_I
I_E_I
I_C_I
I_IMMEDWRITE(_ _NO__ _)_II_ISOLATION(_ _RR_ _)_II
I_YES_I
I_RS_I
I_CS_I
I_UR_I
I_KEEPDYNAMIC(_I_YES_I_)I
_NONE___
>_REOPT_(I_ALWAYS_I)
I_ONCE___I
I_OPTHINT_(_'hint-id'_)_II
<_ ,_____ I
I_AUTO___I
I_PATH(__ _schema-name_ I_)_I
I_USER_____I
_COMMIT_____
I_RELEASE(_I_DEALLOCATE_I_)_II
_DB2_
I_SQLRULES(_I_STD_I_)II
_RUN__
I_VALIDATE(_I_BIND_I_)_I
I_ROUNDING(___CEILING___)__I
I _DISABLE_ I
I_DOWN_____I
I_PROGAUTH(_I_ENABLE__I_)_I
I_FLOOR____I
I_HALFDOWN_I
I_HALFEVEN_I
I_HALFUP___I
I_UP_____I
I_CONCURRENTACCESSRESOLUTION_(_USECURRENTLYCOMMITTED_)_I
I_WAITFOROUTCOME_____I
enable-block:
>>_



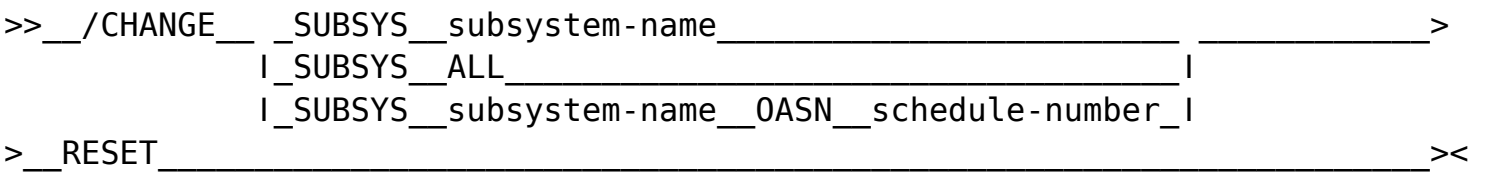


-BIND QUERY

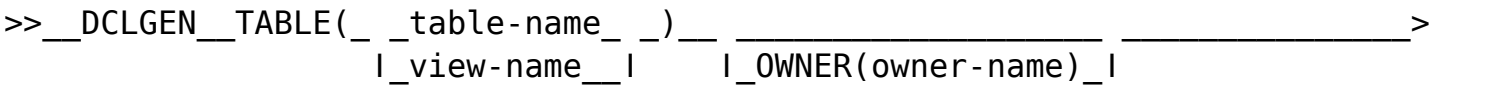
-CANCEL THREAD

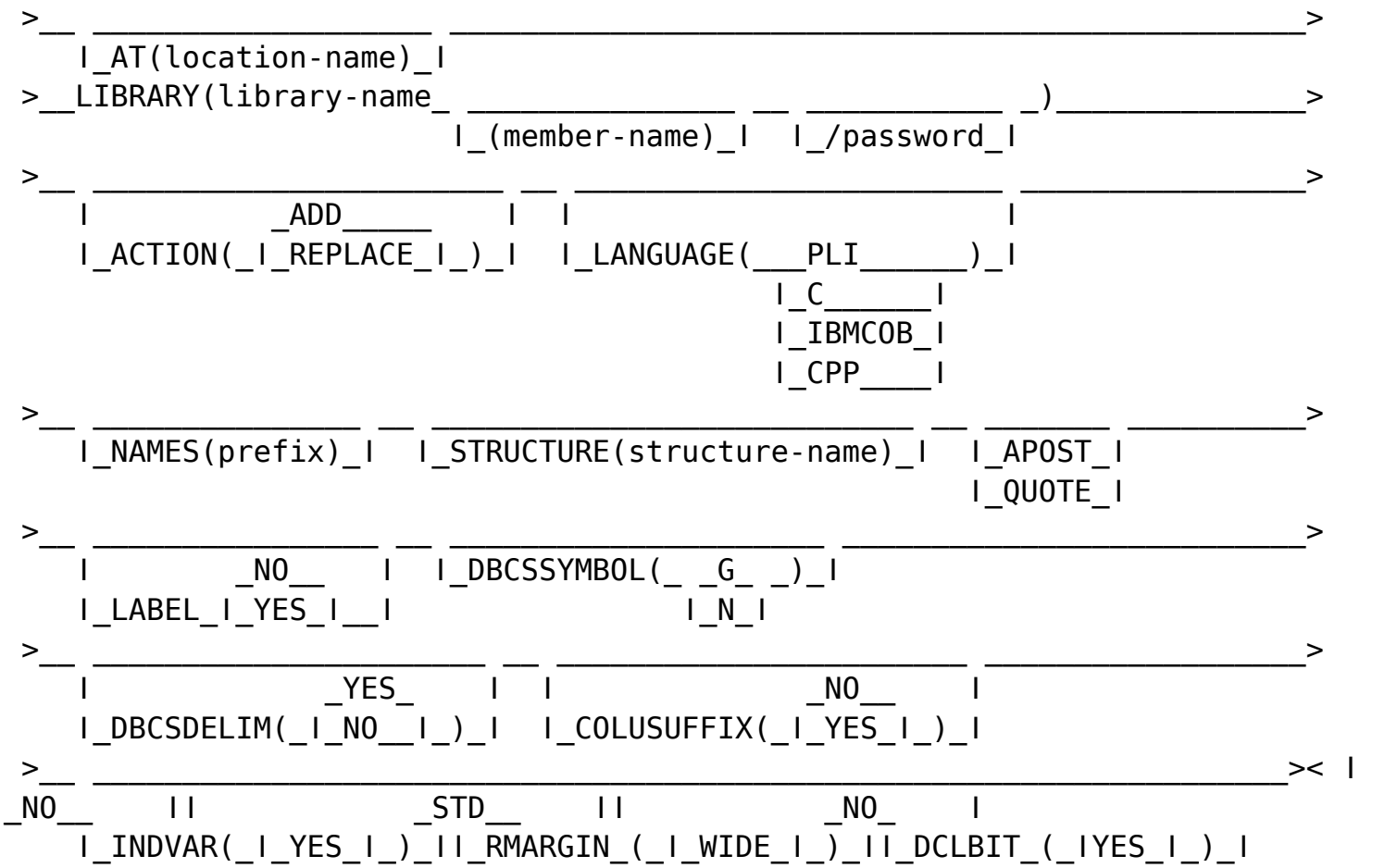


/CHANGE IMS

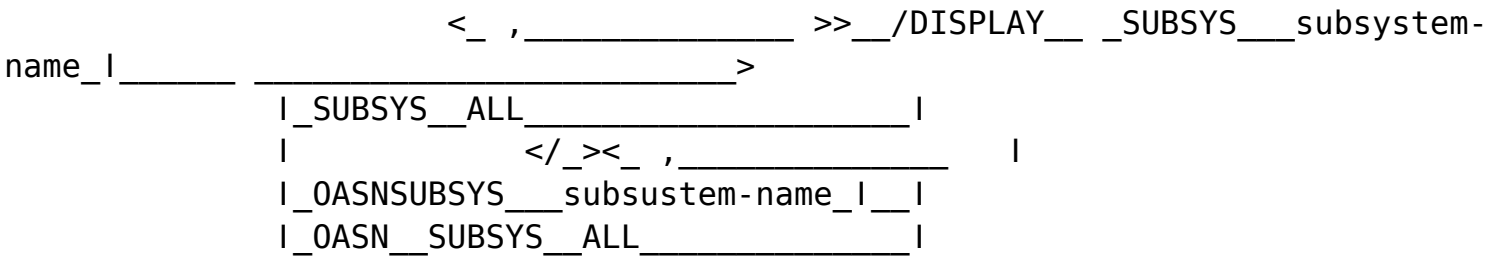


DCLGEN

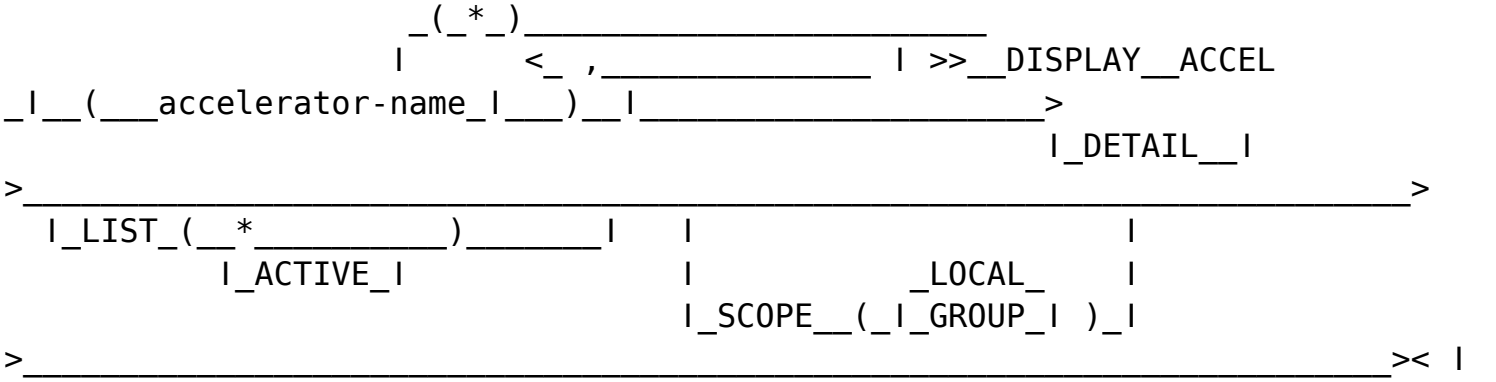




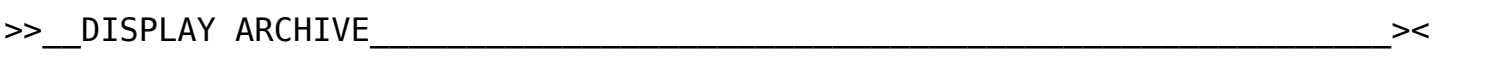
/DISPLAY IMS



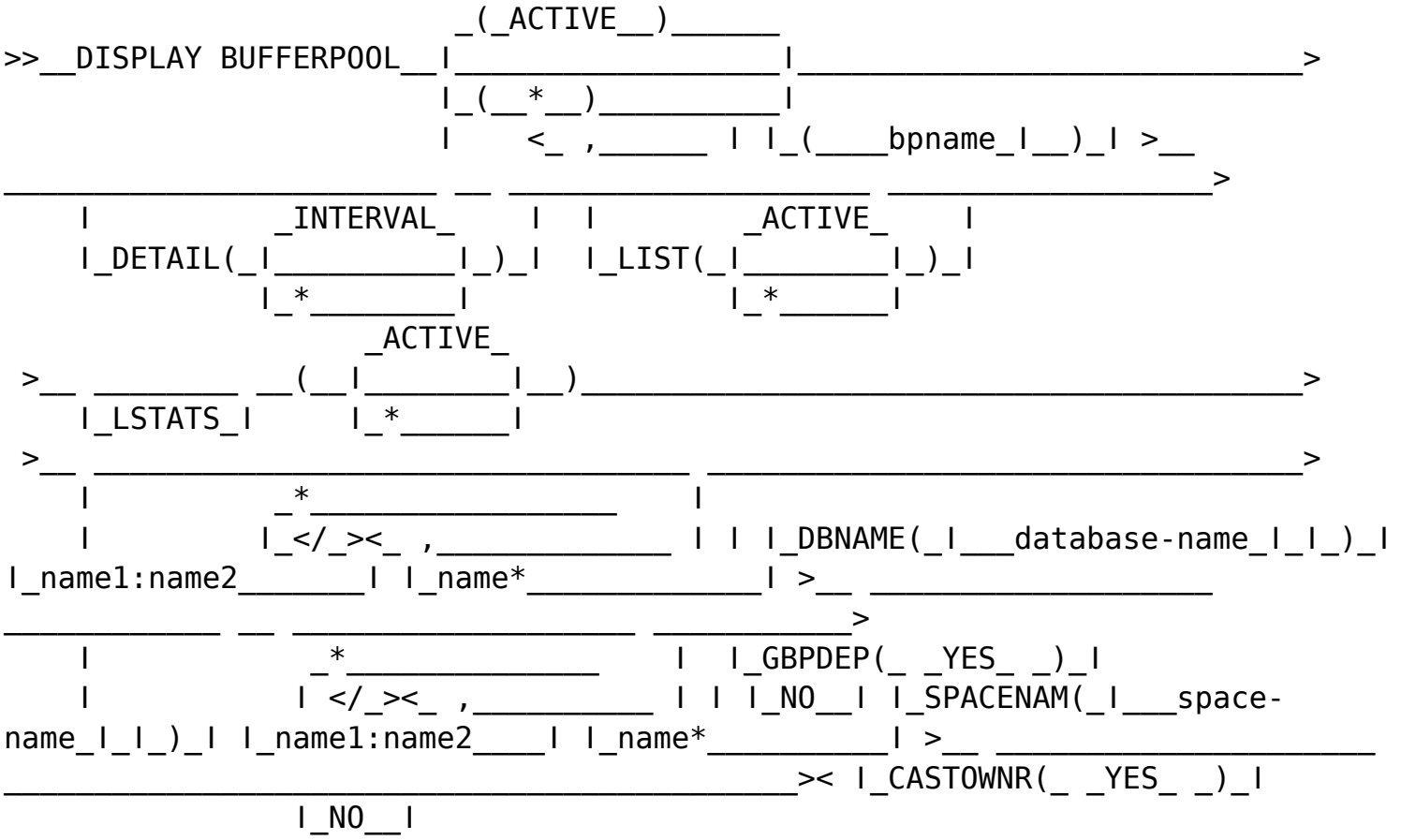
-DISPLAY ACCEL



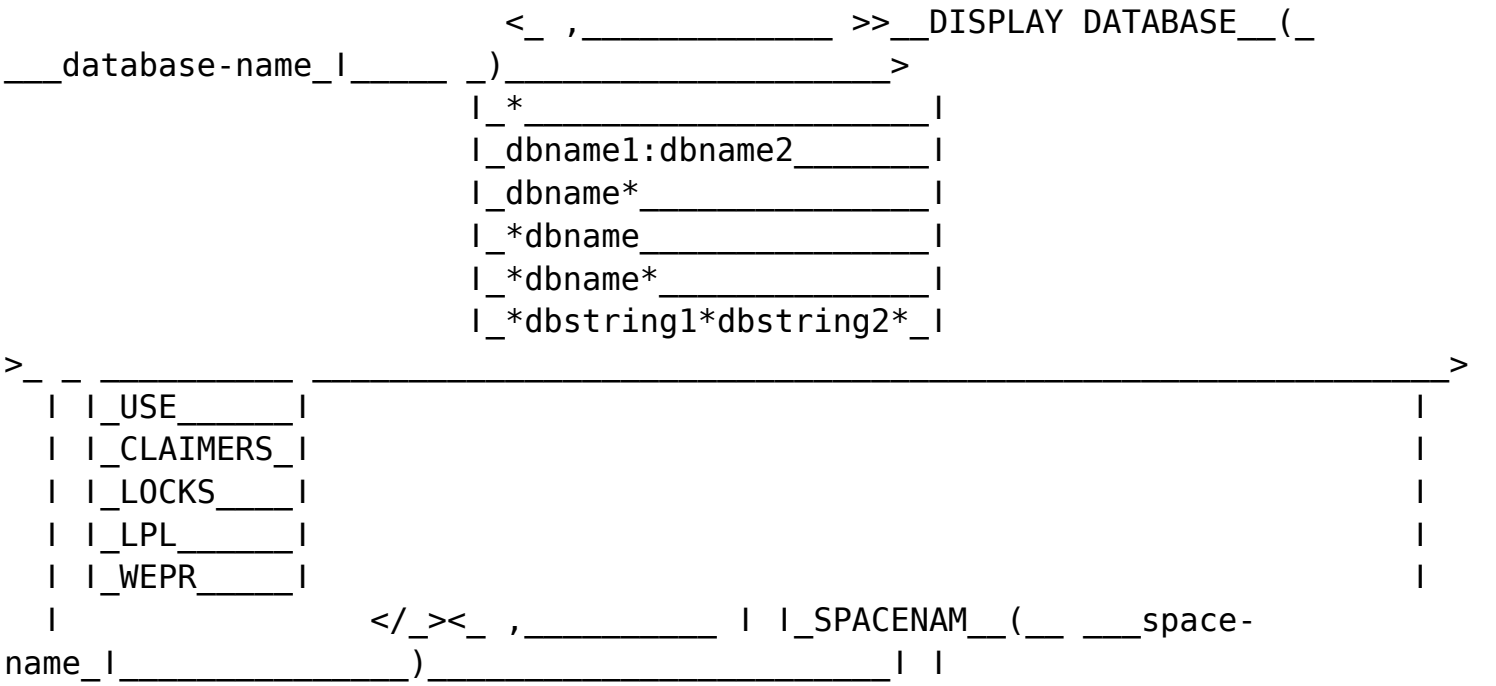
-DISPLAY ARCHIVE

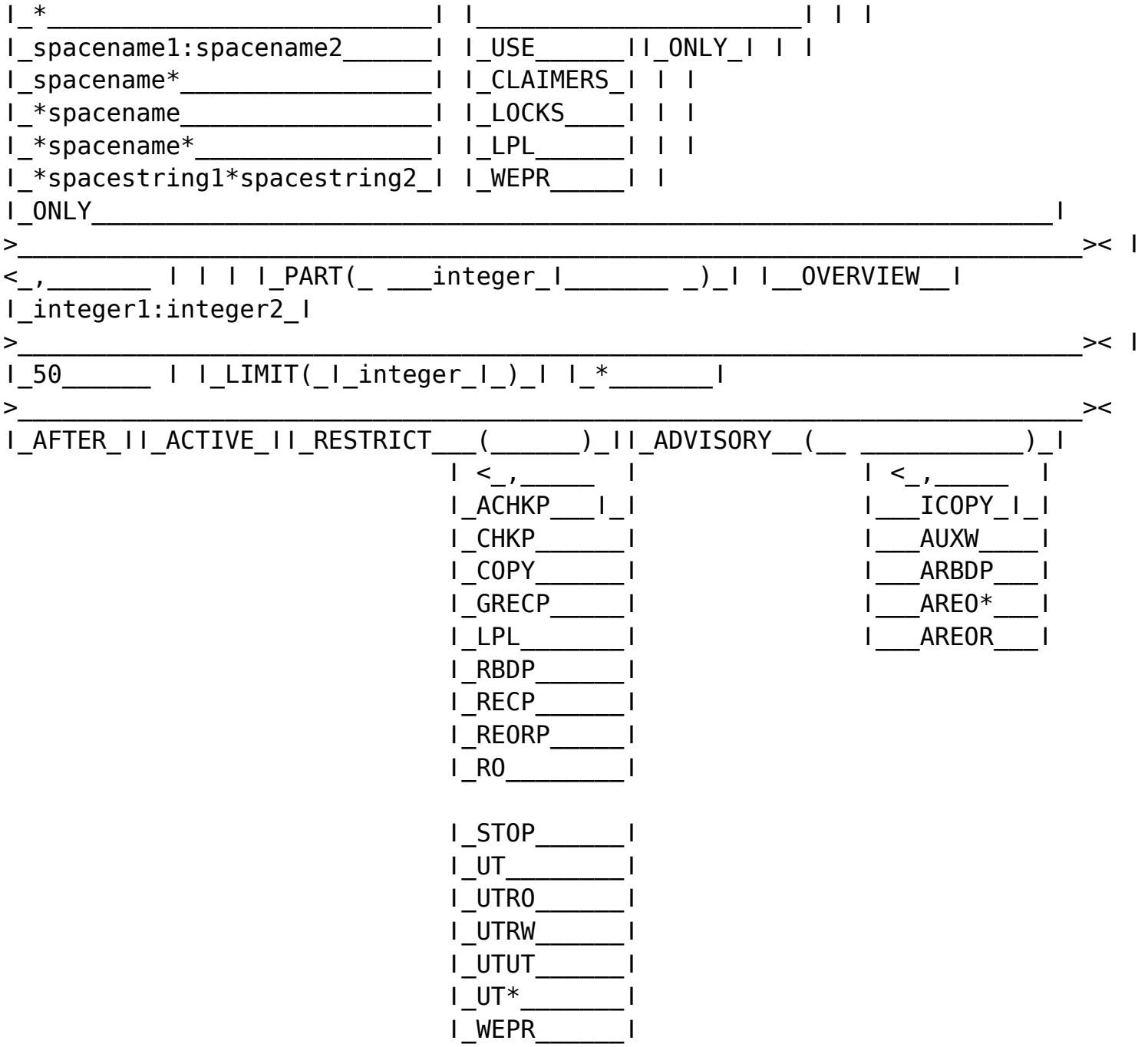


-DISPLAY BUFFERPOOL

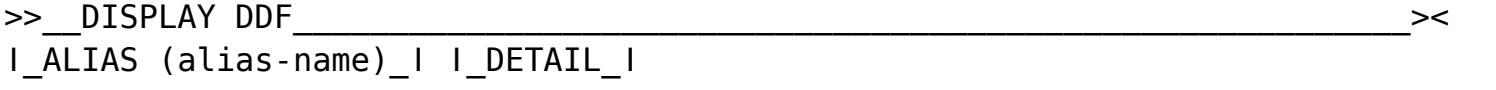


-DISPLAY DATABASE

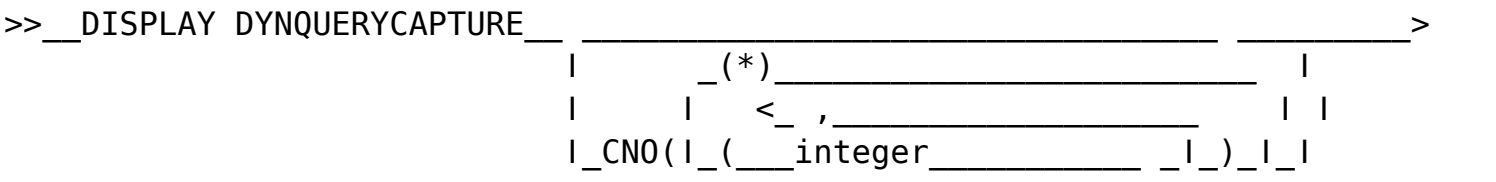




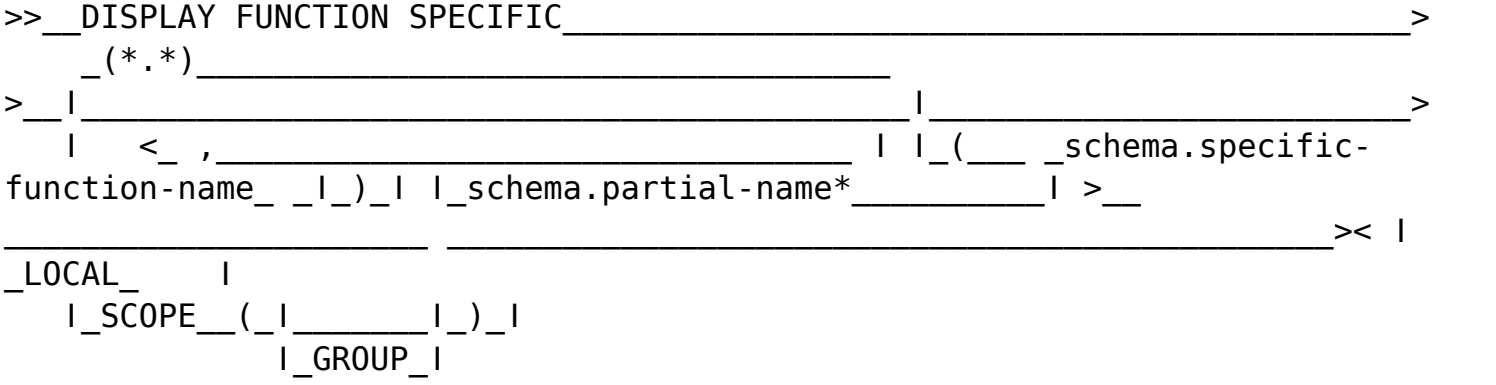
-DISPLAY DDF



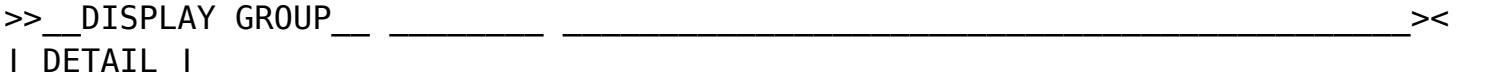
-DISPLAY DYNQUERYCAPTURE



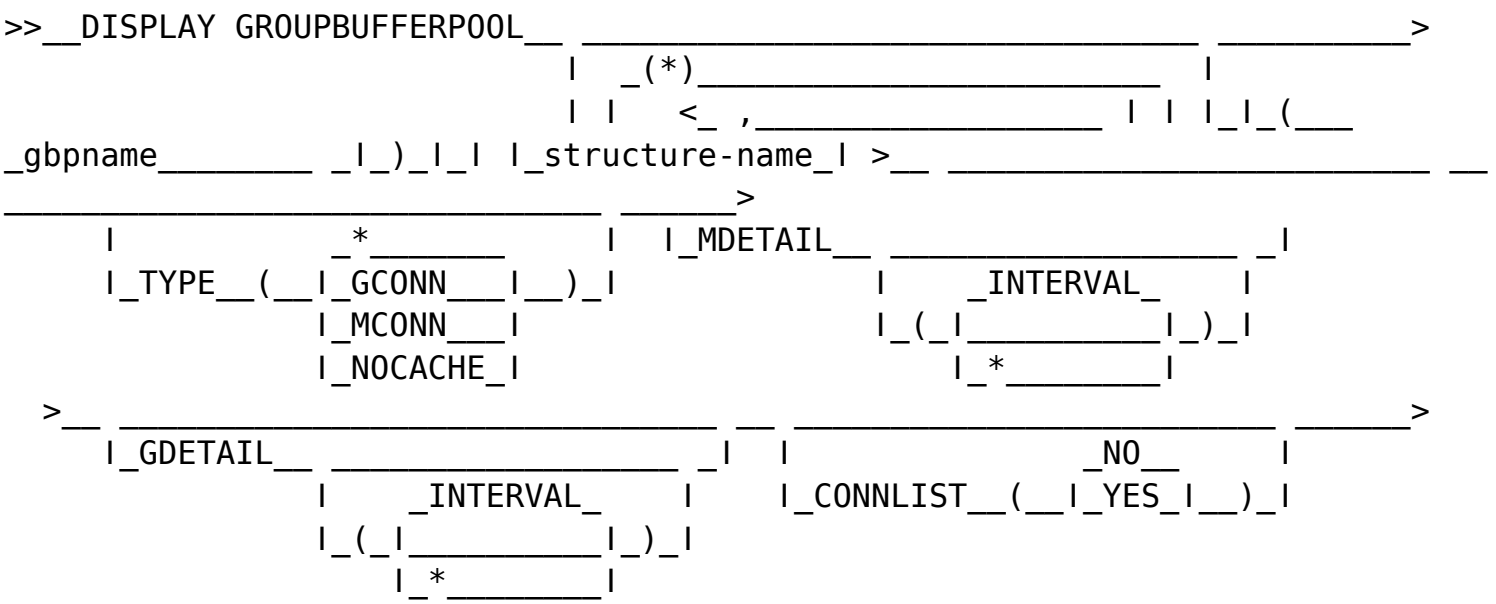
-DISPLAY FUNCTION SPECIFIC



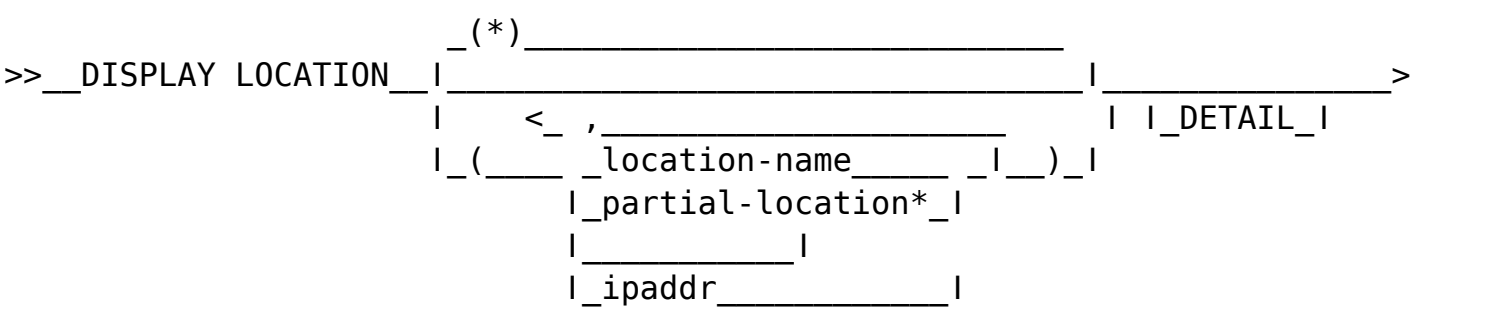
-DISPLAY GROUP



-DISPLAY GROUPBUFFERPOOL

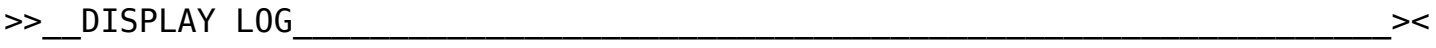


-DISPLAY LOCATION

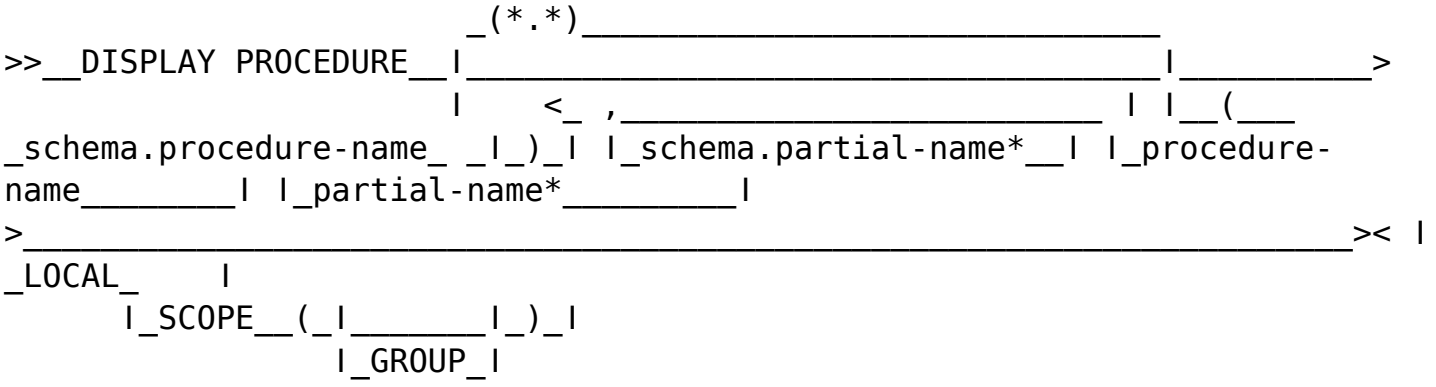


</_>

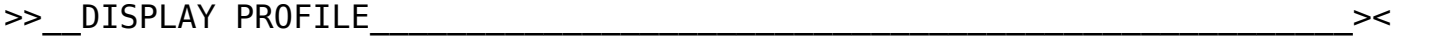
-DISPLAY LOG



-DISPLAY PROCEDURE

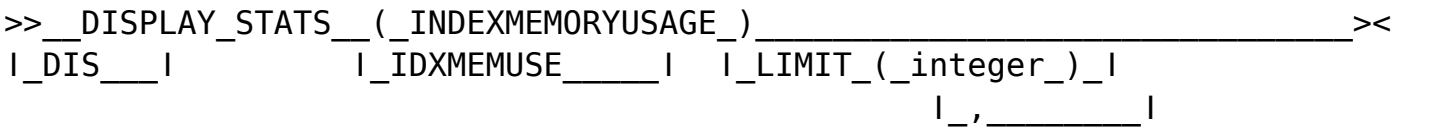


-DISPLAY PROFILE

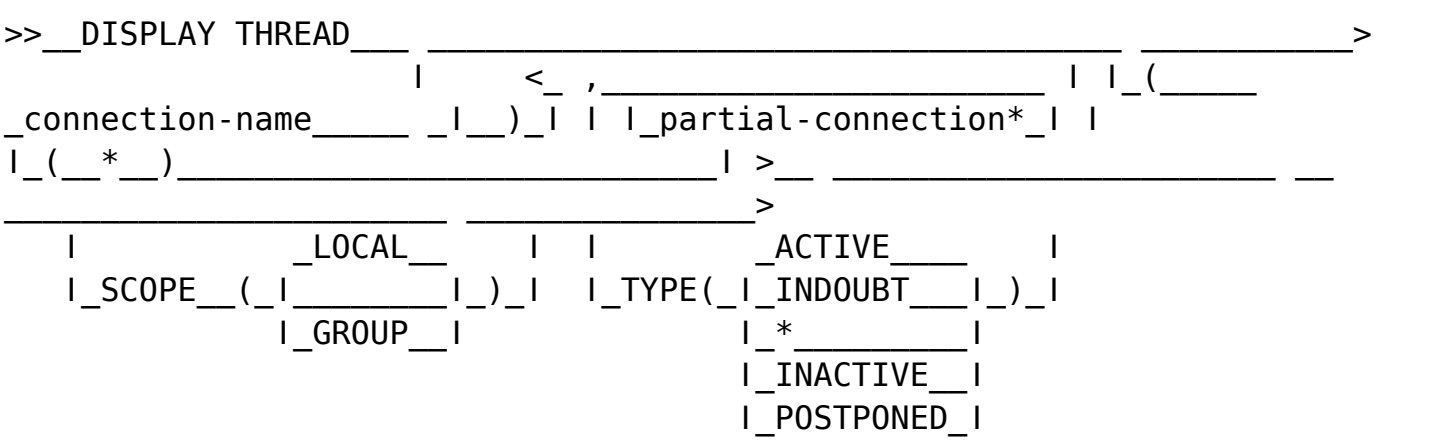


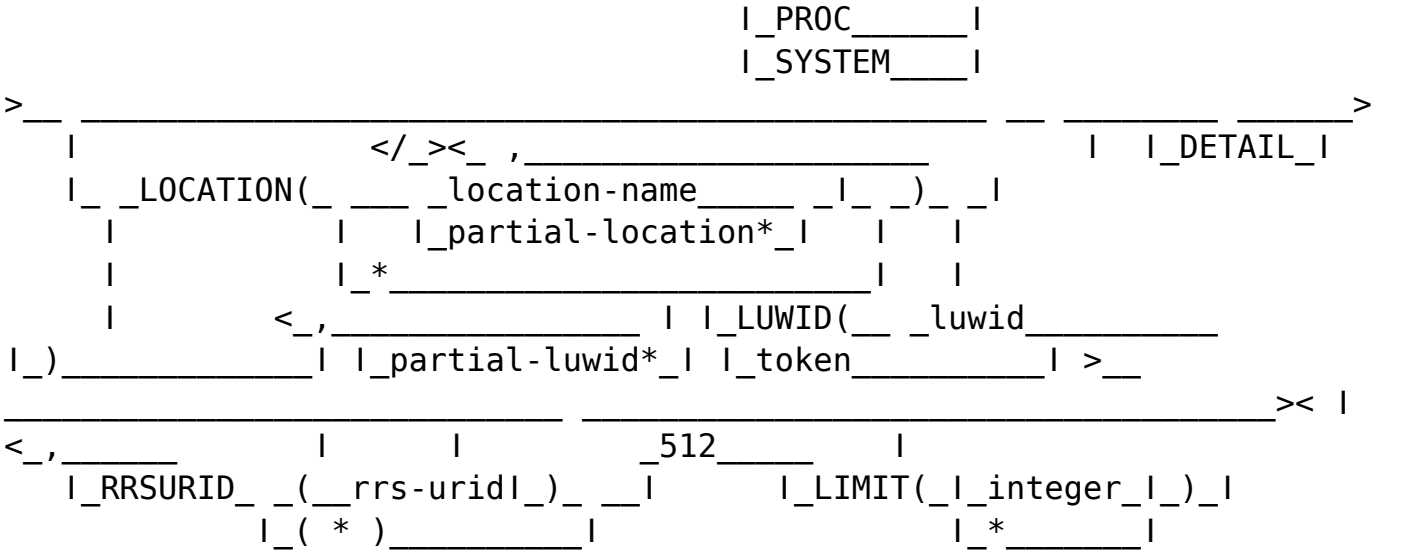
-DISPLAY RLIMIT

-DISPLAY STATS

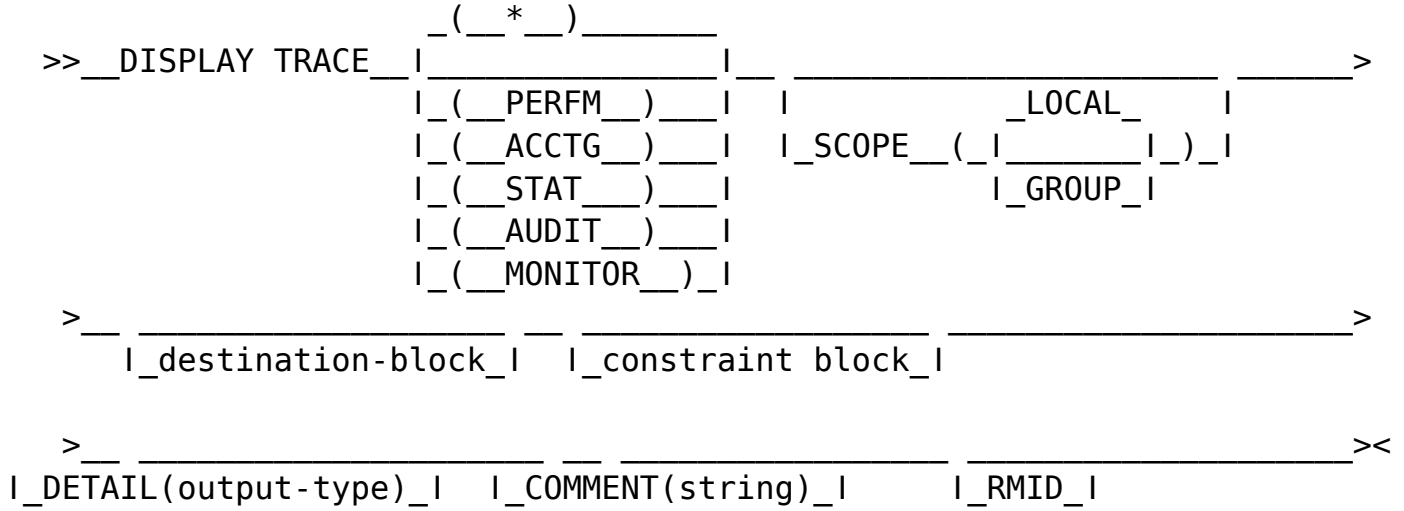


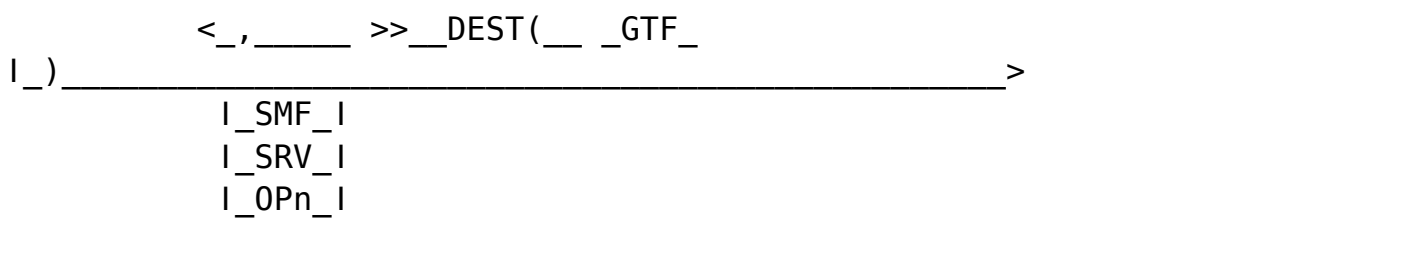
-DISPLAY THREAD





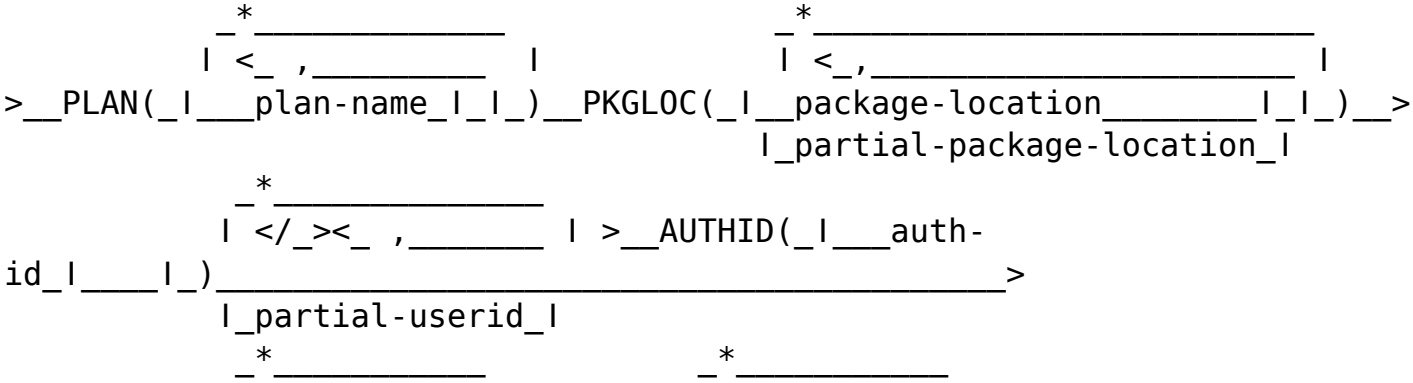
-DISPLAY TRACE

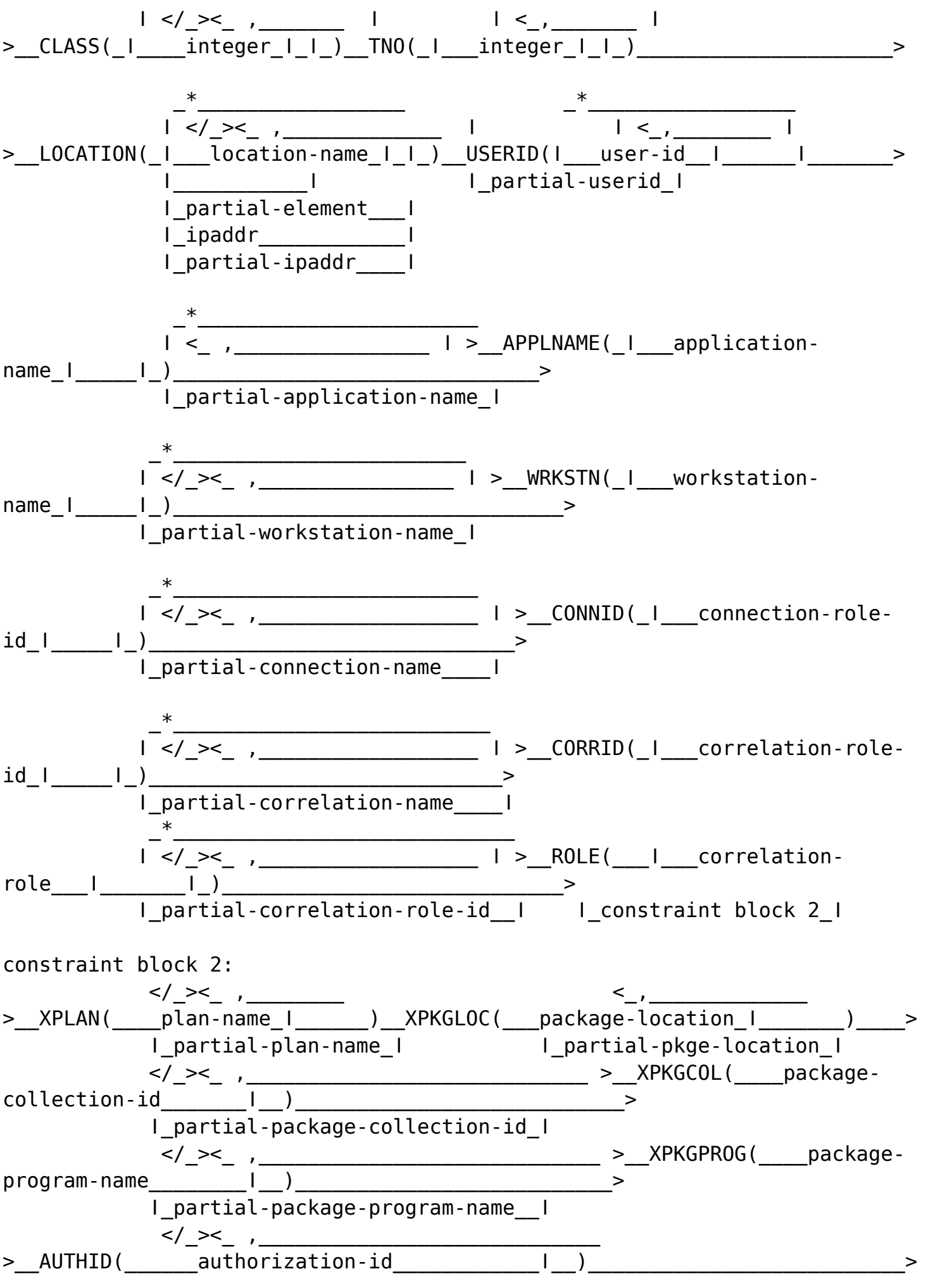




destination block:

constraint block:




CLASS
integer
TNO
integer
LOCATION
location-name
USERID
user-id
partial-element
ipaddr
partial-ipaddr
partial-userid
APPLNAME
application-name
partial-application-name
WRKSTN
workstation-name
partial-workstation-name
CONNID
connection-role-id
partial-connection-name
CORRID
correlation-role-id
partial-correlation-name
ROLE
correlation-role
partial-correlation-role-id
constraint block 2
constraint block 2:
XPLAN
plan-name
partial-plan-name
XPKGLOC
package-location
partial-pkge-location
XPKGCOL
package-collection-id
partial-package-collection-id
XPKGPROG
package-program-name
partial-package-program-name
AUTHID
authorization-id

```
            |_partial-authorization-id______|
               </_><_ ,__________                          <_,____
>__XLOC(_____location-name_|___________)__XUSERID_(______userid_|______)___>
            |_partial-location-name__|              |_partial-userid_|
            |________________|
            |_partial _______|
            |_ipaddr_________________|
            |_partial-ipaddr_________|
               <_ ,________________ >__XAPPNAME(_____application-
name_|_______)_______________________________>
             |_partial-application-name_|
              </_><_ ,________________ >__XWRKSTN(_____workstation-
name_|_______)________________________________>
            |_partial-workstation-name_|
              </_><_ ,_________________ >__XCONNID(_____connection-role-
id_|_______)______________________________>
            |_partial-connection-name____|
              </_><_ ,__________________ >__XCORRID(____correlation-role-
id_|_______)______________________________>
            |_partial-correlation-name____|
              </_><_ ,__________________ >__XROLE(_______correlation-
role___|__________)____________________________>
            |_partial-correlation-role-id_|

</_></_></_>
```

-DISPLAY UTILITY

```
>>__DISPLAY UTILITY__(_ _utility-id__________ _)_________________________>
                     |_partial-utility-id*_|
                     |_*___________________|
>___ _________________________ _________________________________________>< |
<_,_________     |
    |_MEMBER(__member-name|_)_|
```

DSN TSO

```
>>__DSN__ ______________________________________________________________>
         |          _DSN______________________      |
         |_SYSTEM(_|_subsystem-name___________|_)_|
                   |_group-attachment-name____|
                   |_subgroup-attachment-name_|
>__ ______________________ __ _______________ __________________________>
   |        _0_______    |  |_TEST(integer)_|
   |_RETRY(_|_integer_|_)_|
>__ __________________ ________________________________________________>< |
```

```
_YES_    I      I_ASUSER(userid)_I
   I_GROUP(_I_NO__I_)_I
```

DSNC (CICS attachment facility)

```
>>__DSNC__ _____________ __db2-command_____________________________________><
I_destination_I
```

DSNC DISCONNECT (CICS attachment facility)

```
>>__DSNC DISCONNECT__plan-name_____________________________________________><
```

DSNC DISPLAY (CICS attachment facility)

```
>>__DSNC DISPLAY__ _PLAN__ ____________ _____________ ____________________>
                  I       I_plan-name_I             I
                  I_TRANSACTION__ _________________ _I
                  I              I_transcation-id_I  I
                  I_STATISTICS_____________________I
>_____________________________________________________________________________><
I_destination_I
```

DSNC MODIFY (CICS attachment facility)

```
>>__DSNC MODIFY__ _DESTINATION__old__new_____________________________________><
I_TRANSCATION__transaction-id__integer_I
```

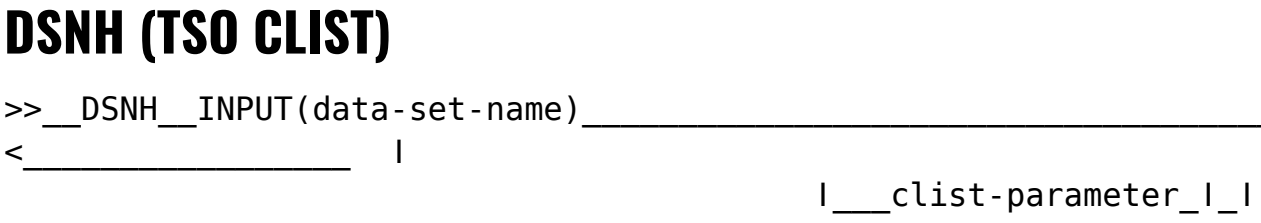
DSNC STOP (CICS attachment facility)

```
                 _QUIESCE_
>>__DSNC STOP__I_FORCE___I_____________________________________________________><
```

DSNC START (CICS attachment facility)

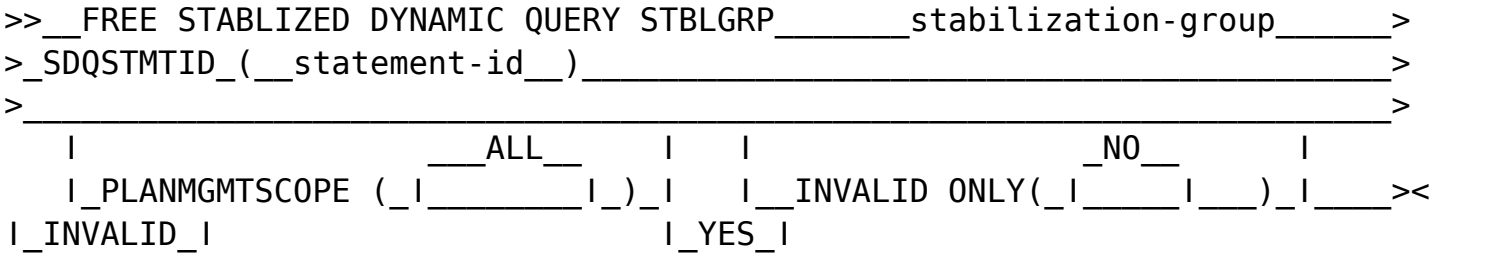
```
>>__DSNC STRT__ _______ ____________________________________________________><
I_ssid_I
```

DSNH (TSO CLIST)

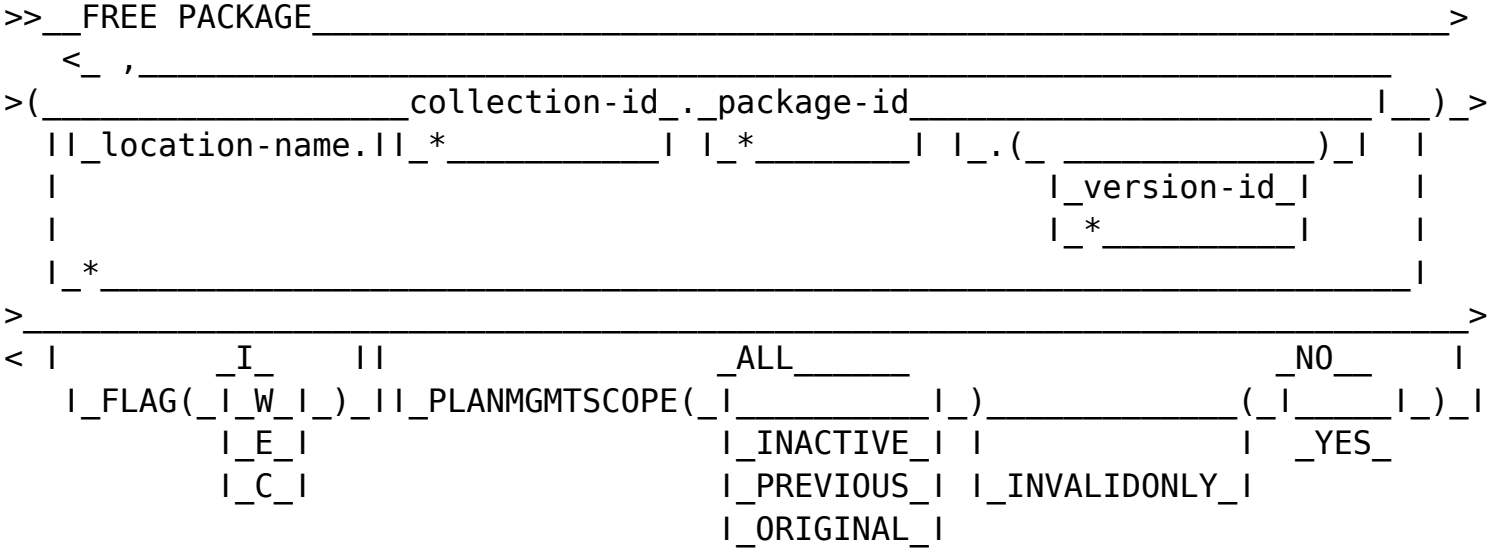


END

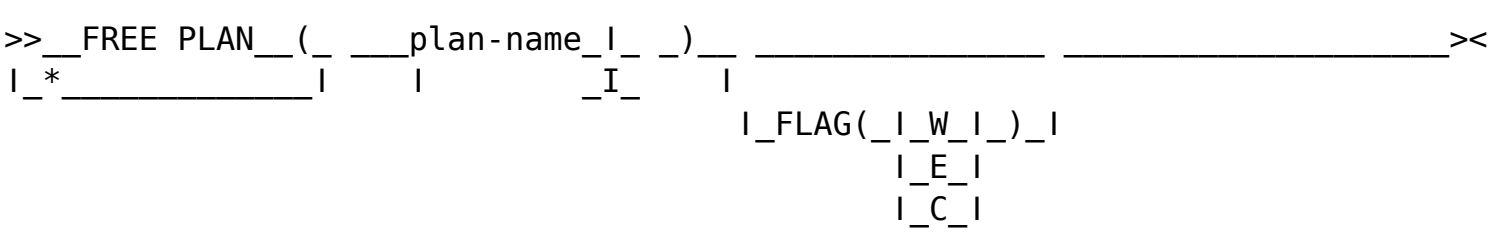
FREE STABILIZED DYNAMICQUERY (DSN)



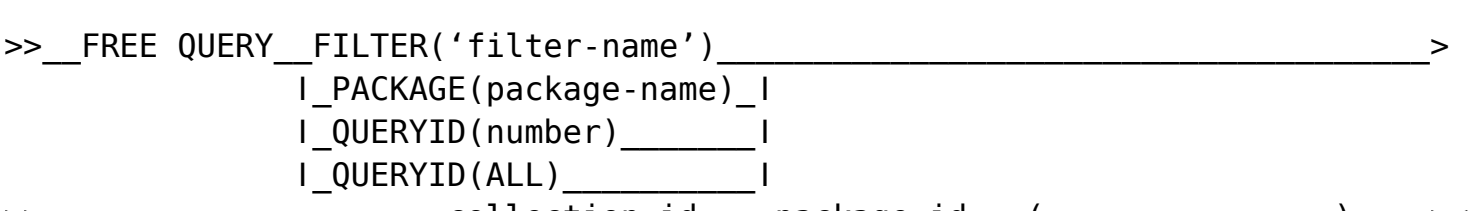
FREE PACKAGE



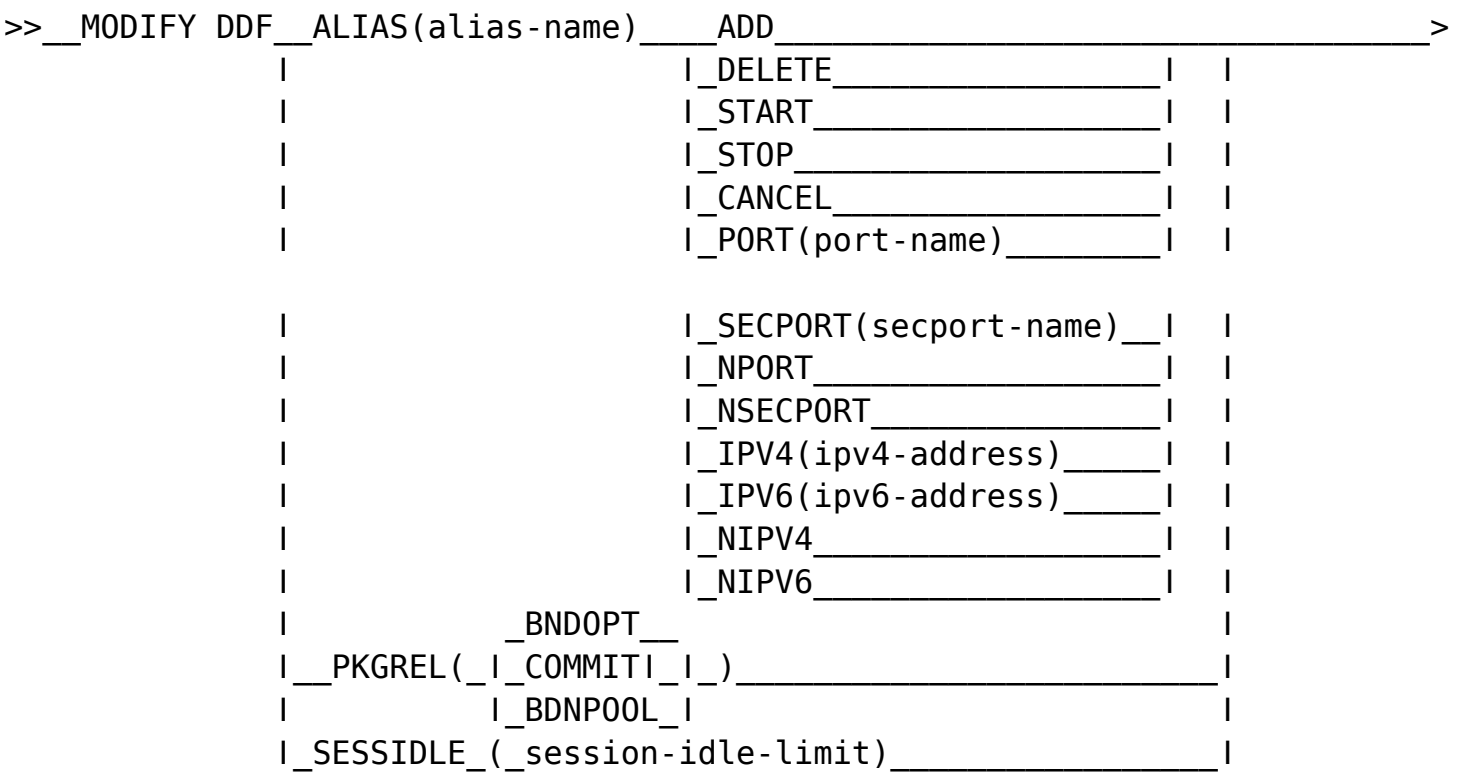
FREE PLAN



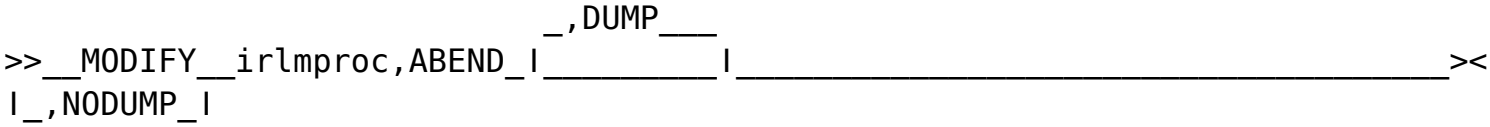
FREE QUERY



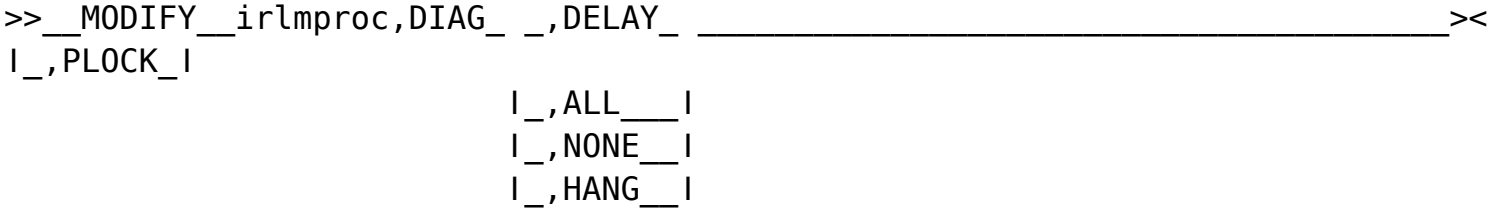
-MODIFY DDF



MODIFY IRLMPROC, ABEND

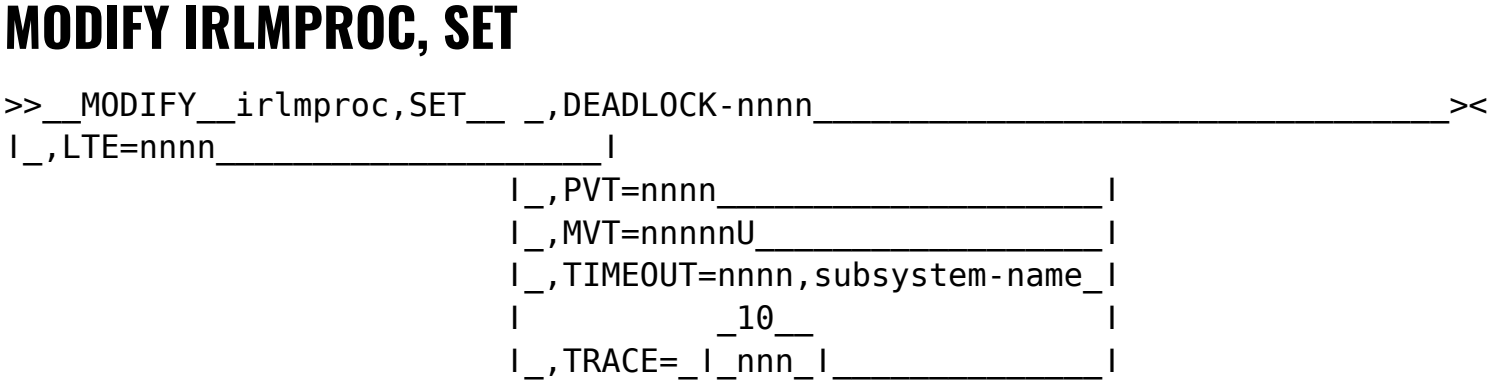


MODIFY IRLMPROC, DIAG

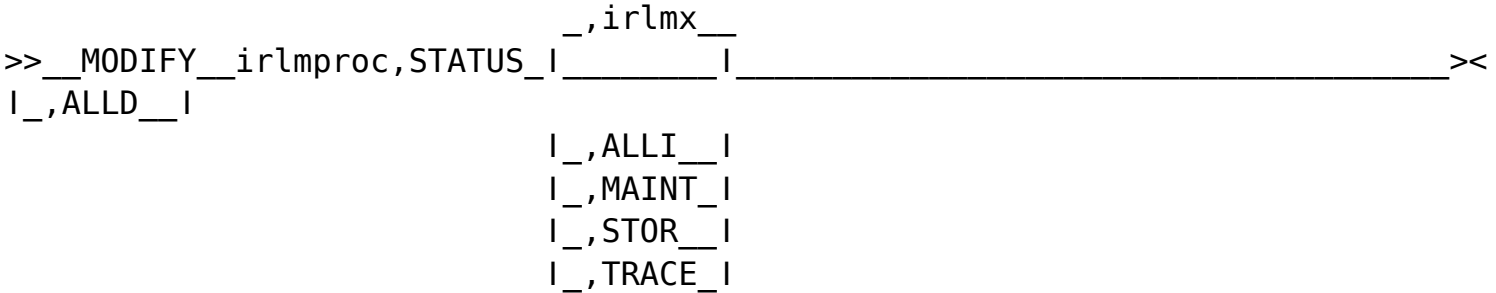


MODIFY IRLMPROC, PURGE

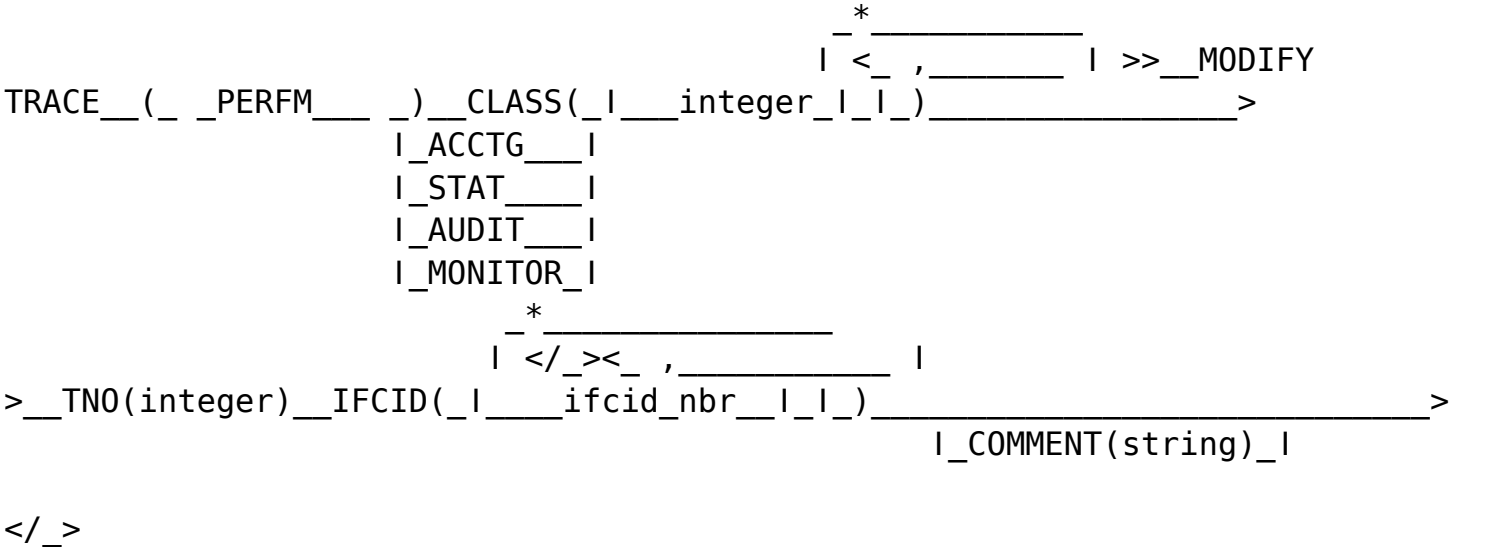
MODIFY IRLMPROC, SET



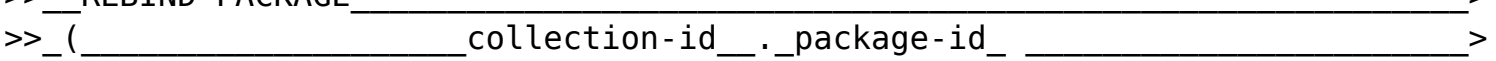
MODIFY IRLMPROC, STATUS

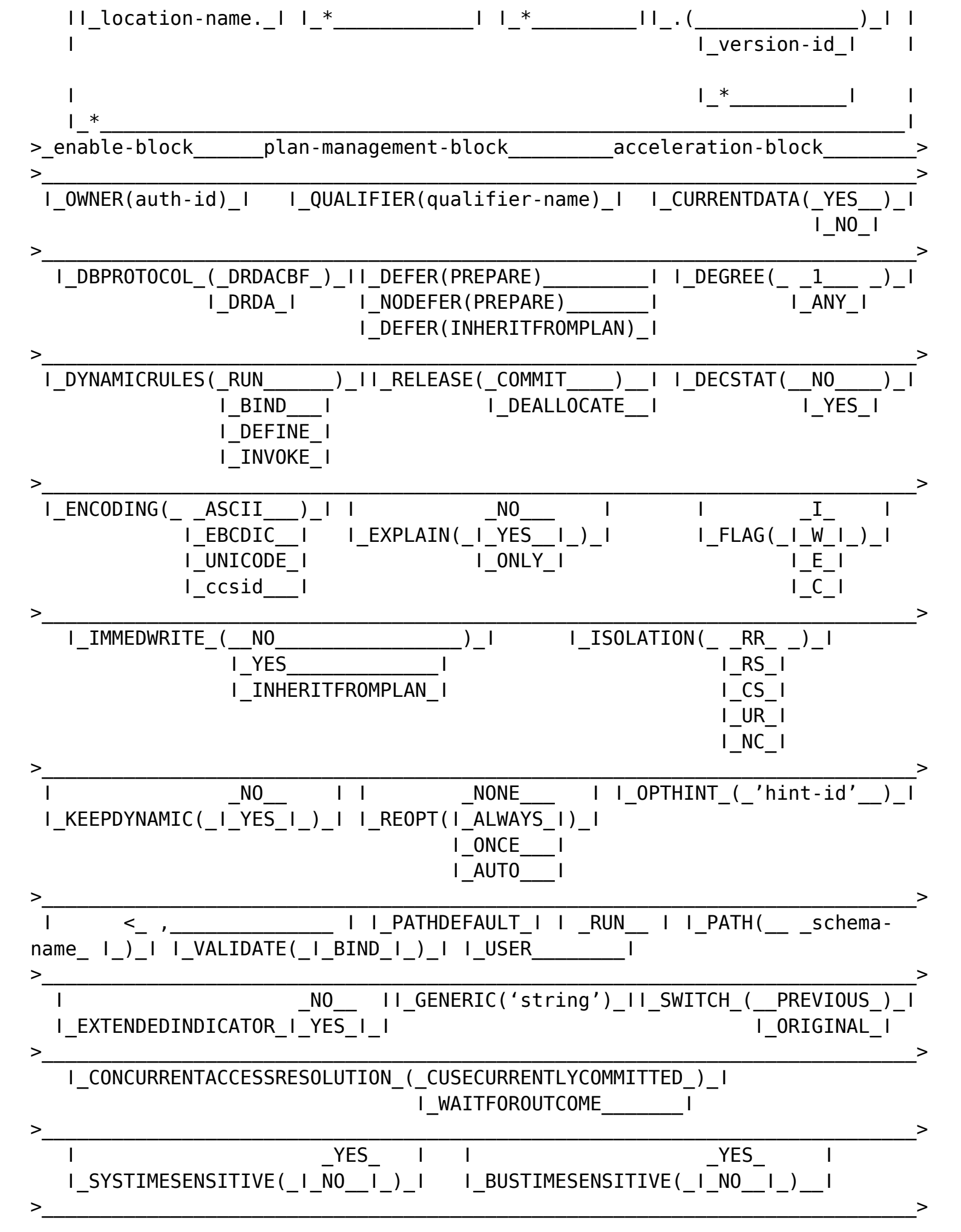


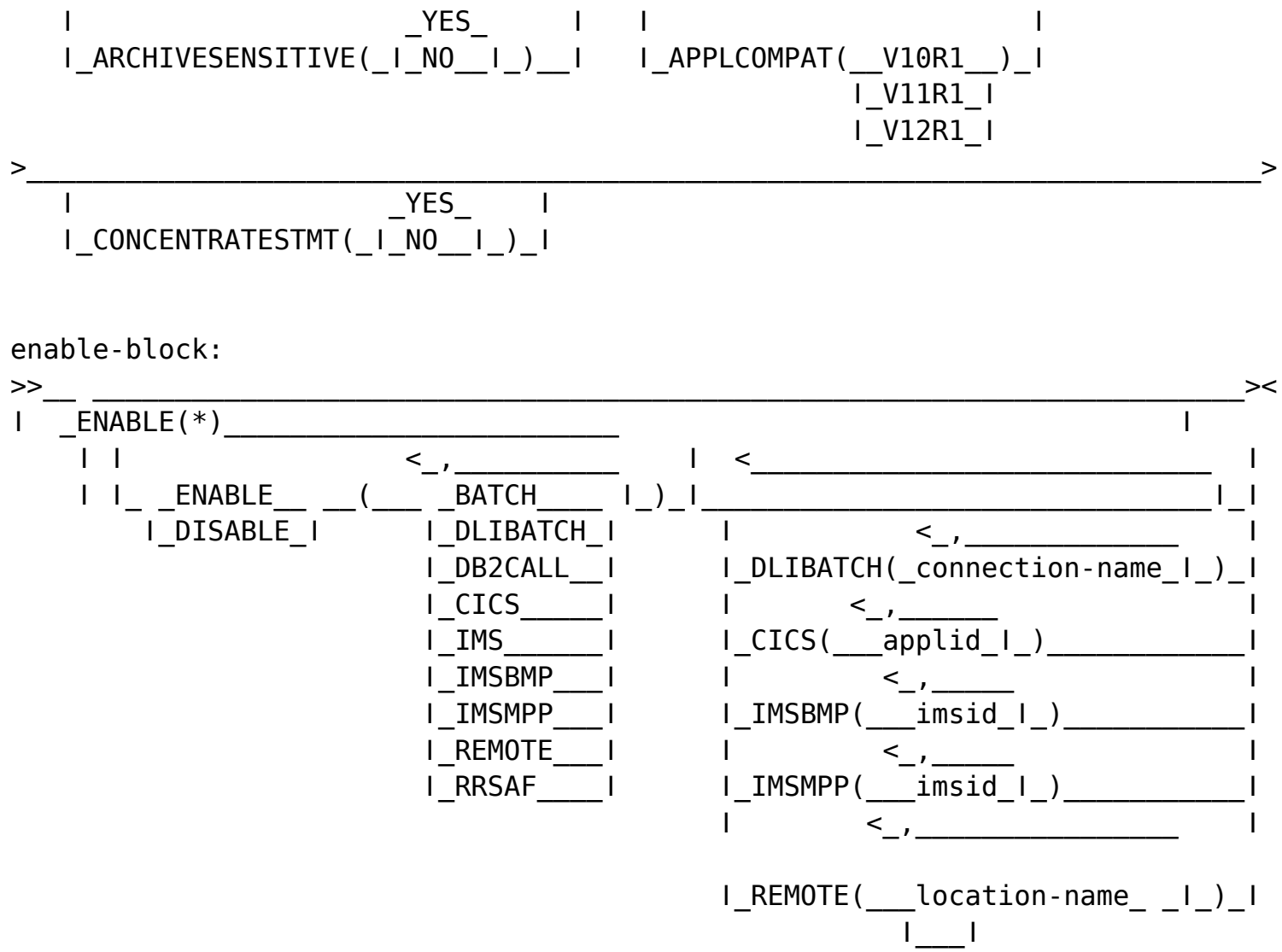
-MODIFY TRACE (DB2)

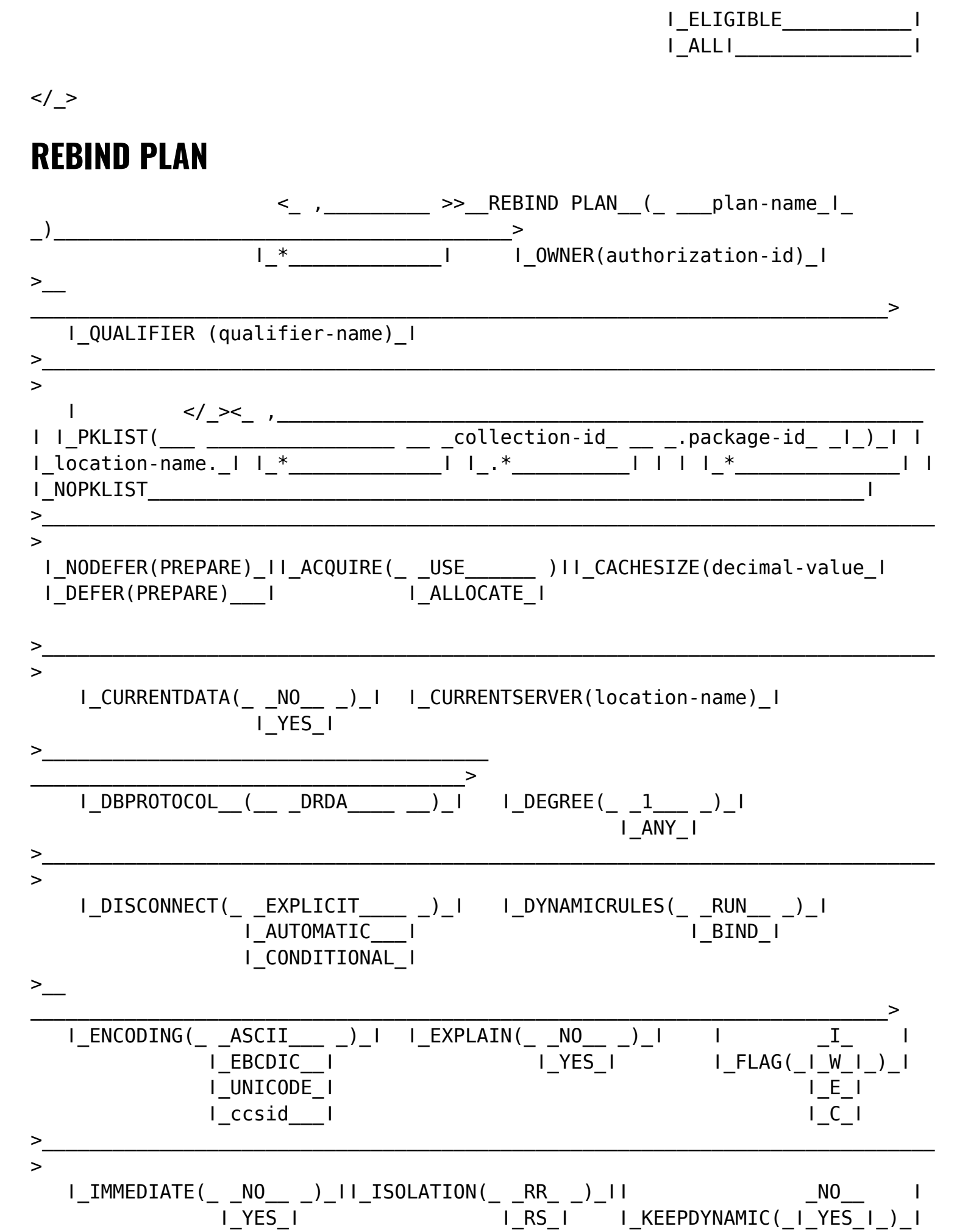


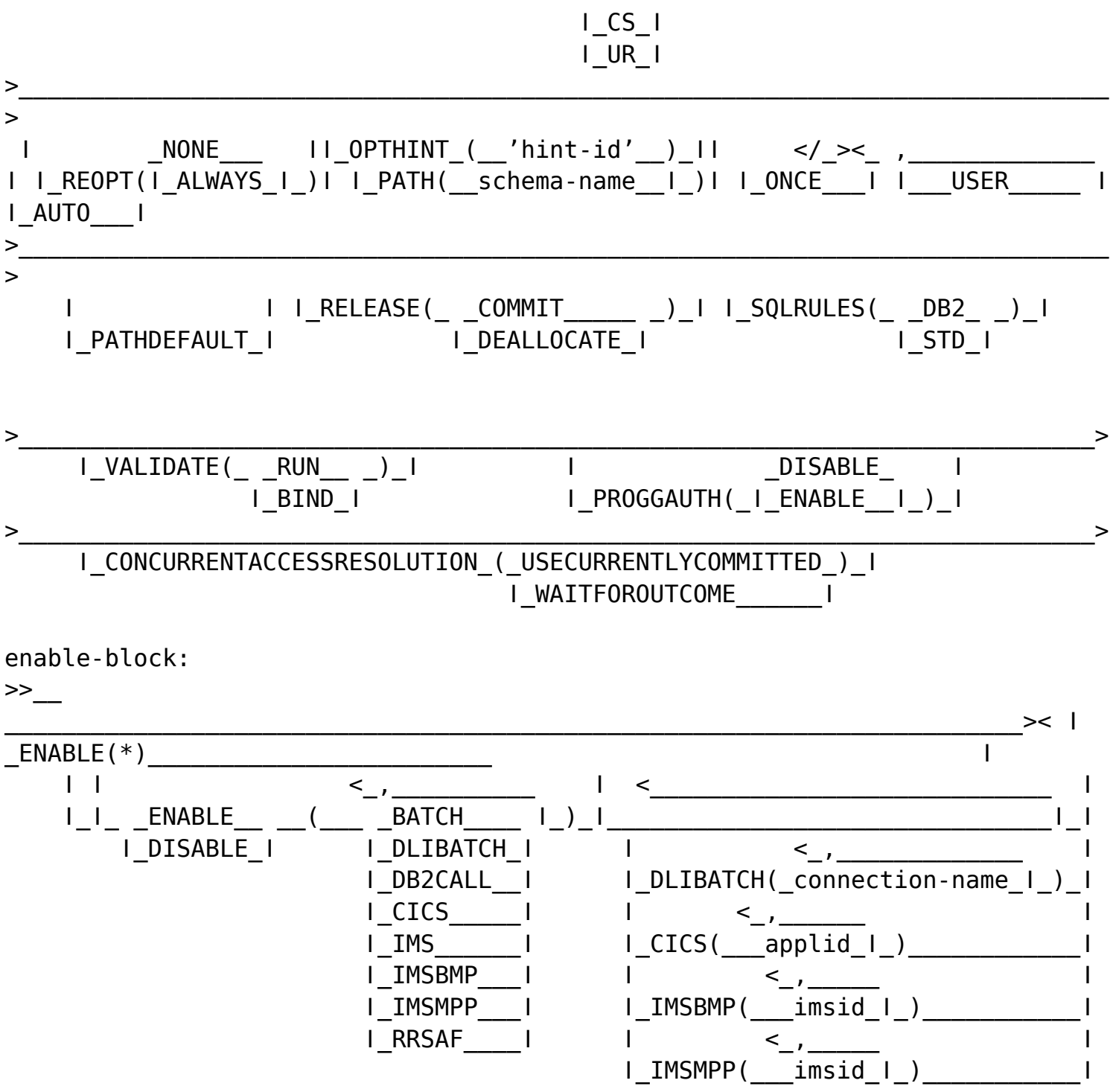
REBIND PACKAGE



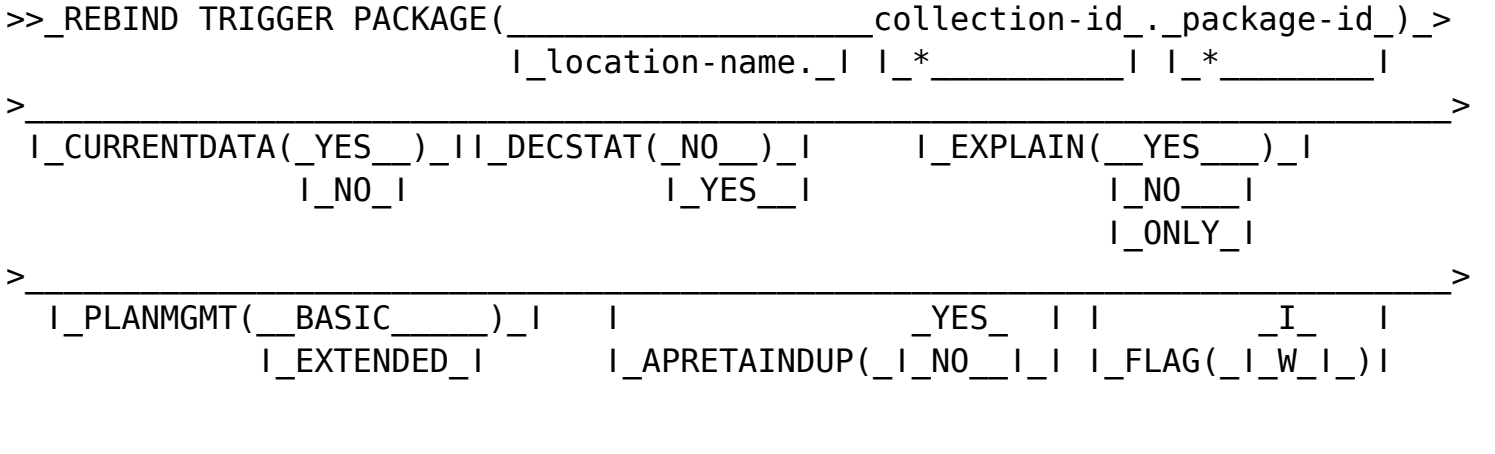

location-name.
*
*
.(
)
version-id
*
enable-block
plan-management-block
acceleration-block
OWNER(auth-id)
QUALIFIER(qualifier-name)
CURRENTDATA(
YES
NO
DBPROTOCOL(
DRDACBF
DRDA
DEFER(PREPARE)
NODEFER(PREPARE)
DEFER(INHERITFROMPLAN)
DEGREE(
1
ANY
DYNAMICRULES(
RUN
BIND
DEFINE
INVOKE
RELEASE(
COMMIT
DEALLOCATE
DECSTAT(
NO
YES
ENCODING(
ASCII
EBCDIC
UNICODE
ccsid
NO
EXPLAIN(
YES
)
ONLY
FLAG(
W
)
E
C
I
IMMEDWRITE(
NO
YES
INHERITFROMPLAN
ISOLATION(
RR
RS
CS
UR
NC
KEEPDYNAMIC(
YES
)
NO
REOPT(
ALWAYS
ONCE
AUTO
NONE
OPTHINT(
'hint-id'
<
,
PATHDEFAULT
VALIDATE(
BIND
)
RUN
USER
PATH(
schema-name
EXTENDEDINDICATOR
YES
NO
GENERIC('string')
SWITCH(
PREVIOUS
ORIGINAL
CONCURRENTACCESSRESOLUTION(
CUSECURRENTLYCOMMITTED
WAITFOROUTCOME
SYSTIMESENSITIVE(
YES
NO
)
BUSTIMESENSITIVE(
YES
NO
)

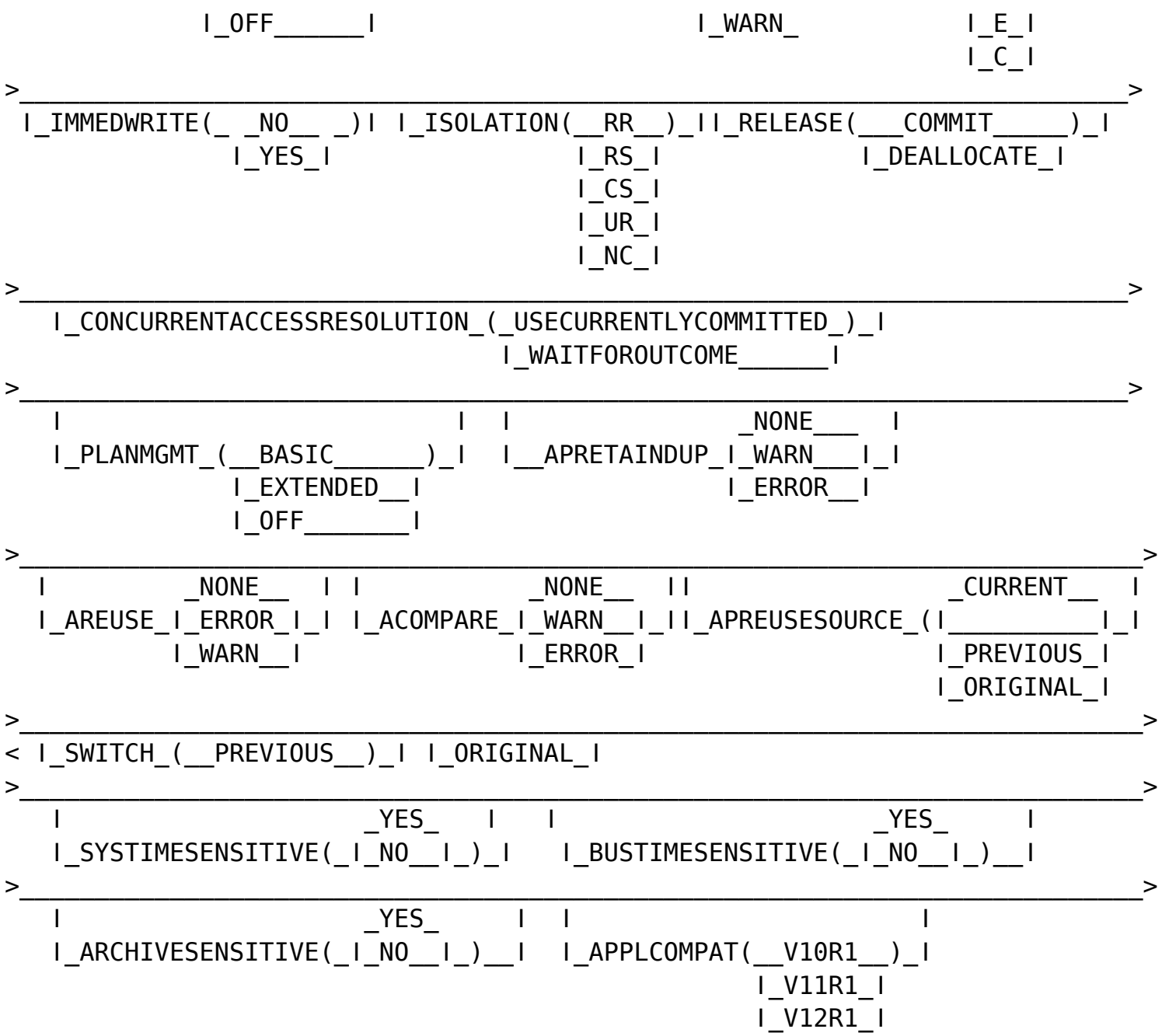

YES
_ARCHIVESENSITIVE(_NO__)
_APPLCOMPAT(__V10R1__)
_V11R1_
_V12R1_
YES
_CONCENTRATESTMT(_NO__)
enable-block:
_ENABLE(*)
_ENABLE__
DISABLE
_BATCH____
DLIBATCH
_DB2CALL__
_CICS_____
_IMS______
_IMSBMP___
_IMSMPP___
_REMOTE___
_RRSAF____
_DLIBATCH(_connection-name_)
_CICS(___applid_)
_IMSBMP(___imsid_)
_IMSMPP(___imsid_)
_REMOTE(___location-name_ _)
___
plan-management-block:
PLANMGMT(__BASIC______)
_EXTENDED__
_OFF_______
_YES__
_APRETAINDUP_NO__
_AREUSE_ERROR_
_WARN__
_NONE__
_ACOMPARE_WARN__
ERROR
_NONE__
APREUSESOURCE(
ORIGINAL
_CURRENT__
acceleration-block:
GETACCELARCHIVE(_____)
_NO__
YES
QUERYACCELERATION(
_NONE
_ENABLE
ENABLEWITHFAILBACK


I_ELIGIBLE_____I
I_ALLI_____I
</_>
REBIND PLAN
<_ ,_____ >>__REBIND PLAN__(_ ___plan-name_I_
_)_____>
I_*_____I I_OWNER(authorization-id)_I
>__
_____>
I_QUALIFIER (qualifier-name)_I
>_____
>
</_><_ ,_____
I I_PKLIST(___ _____ __ _collection-id_ __ _.package-id_ _I_)_I I
I_location-name._I I_*_____I I_.*_____I I I I_*_____I I
I_NOPKLIST_____I
>_____
>
I_NODEFER(PREPARE)_II_ACQUIRE(_ _USE_____)II_CACHESIZE(decimal-value_I
I_DEFER(PREPARE)___I I_ALLOCATE_I
>_____
>
I_CURRENTDATA(_ _NO__ _)_I I_CURRENTSERVER(location-name)_I
I_YES_I
>_____
_____>
I_DBPROTOCOL__(__ _DRDA____ __)_I I_DEGREE(_ _1___ _)_I
I_ANY_I
>_____
>
I_DISCONNECT(_ _EXPLICIT____ _)_I I_DYNAMICRULES(_ _RUN__ _)_I
I_AUTOMATIC___I I_BIND_I
I_CONDITIONAL_I
>__
_____>
I_ENCODING(_ _ASCII___ _)_I I_EXPLAIN(_ _NO__ _)_I I _I_ I
I_EBCDIC__I I_YES_I I_FLAG(_I_W_I_)_I
I_UNICODE_I I_E_I
I_ccsid___I I_C_I
>_____
>
I_IMMEDIATE(_ _NO__ _)_II_ISOLATION(_ _RR_ _)_II _NO__ I
I_YES_I I_RS_I I_KEEPDYNAMIC(_I_YES_I_)_I



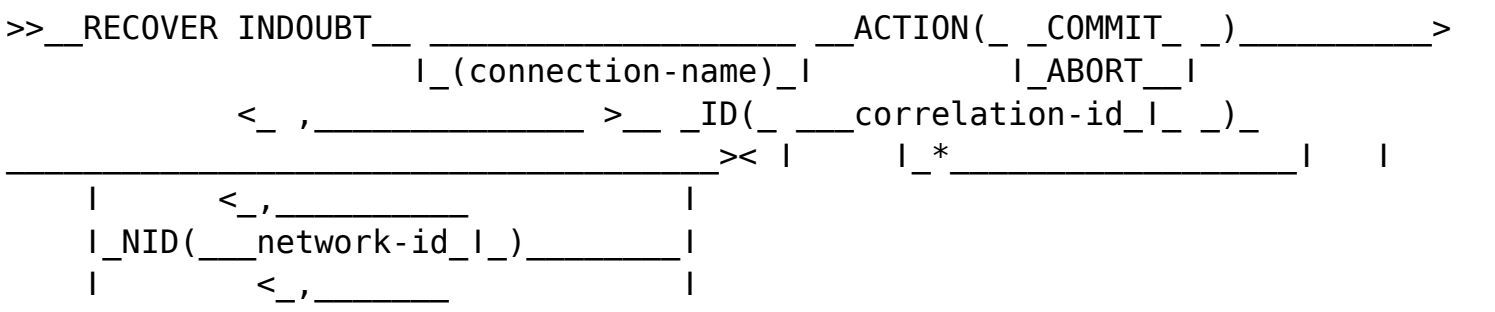
REBIND TRIGGER PACKAGE

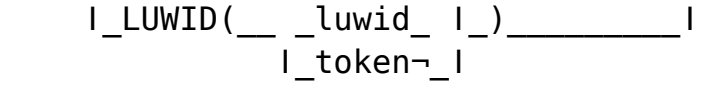




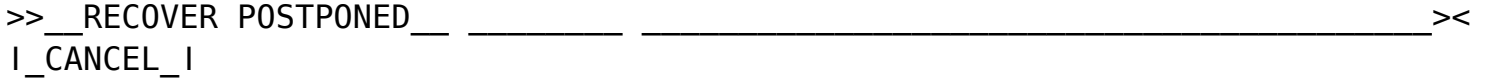
-RECOVER BSDS

RECOVER INDOUBT

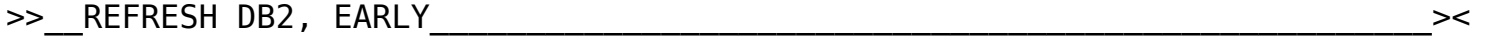




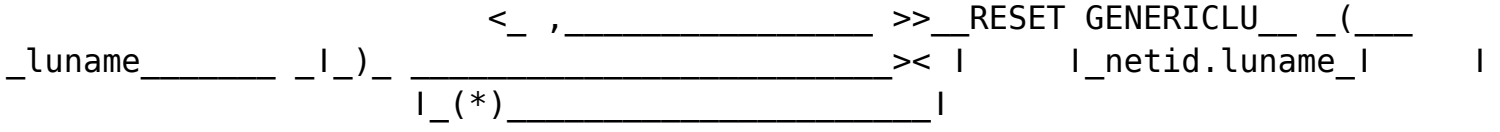
-RECOVER POSTPONED



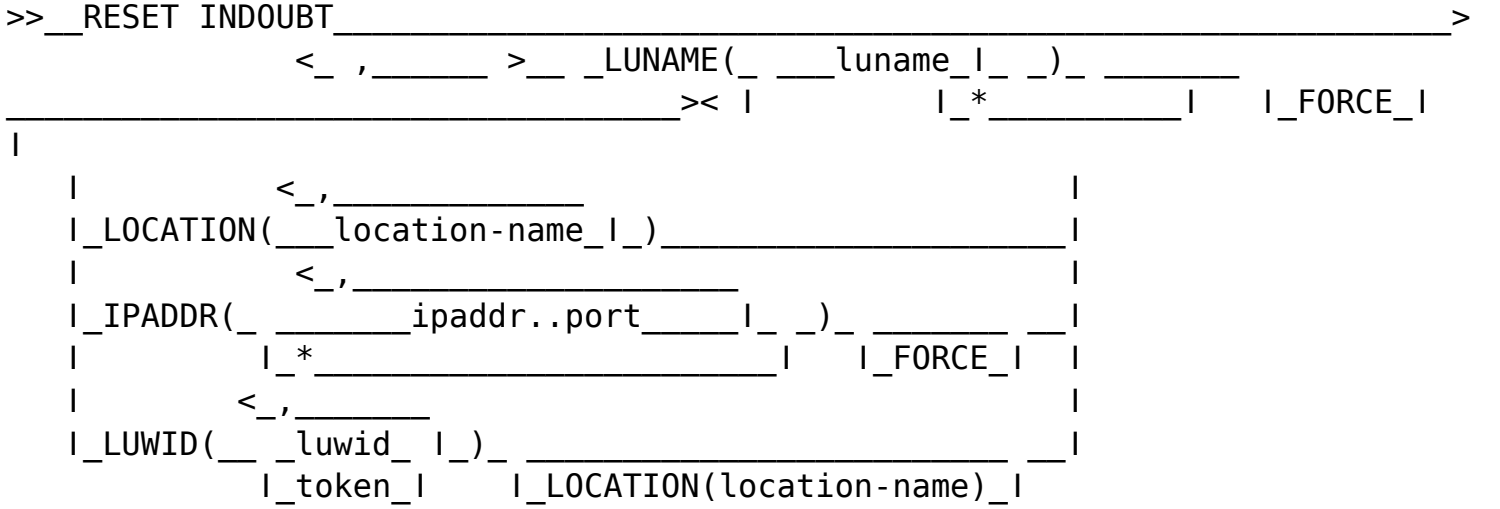
-REFRESH DB2, EARLY



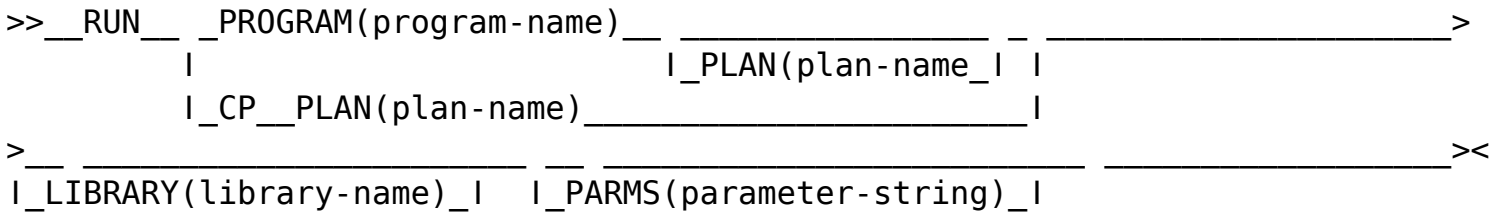
-RESET GENERICLU



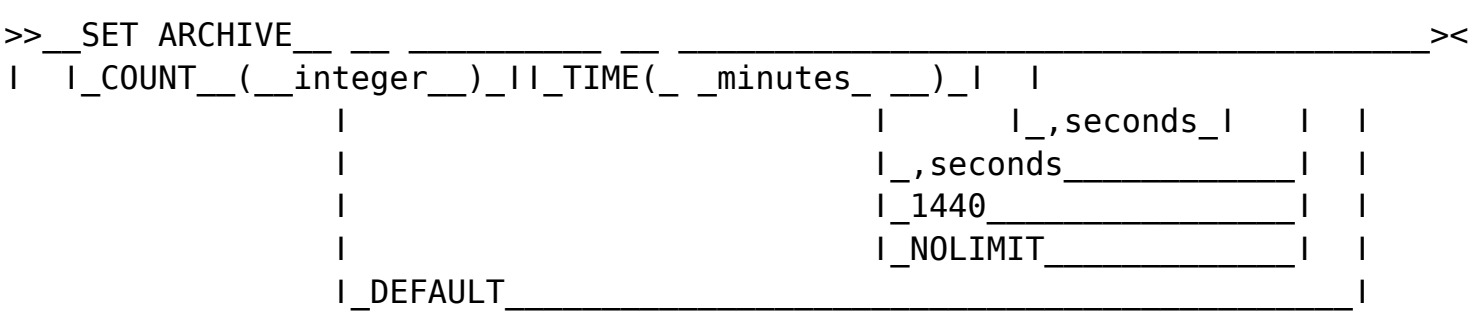
-RESET INDOUBT



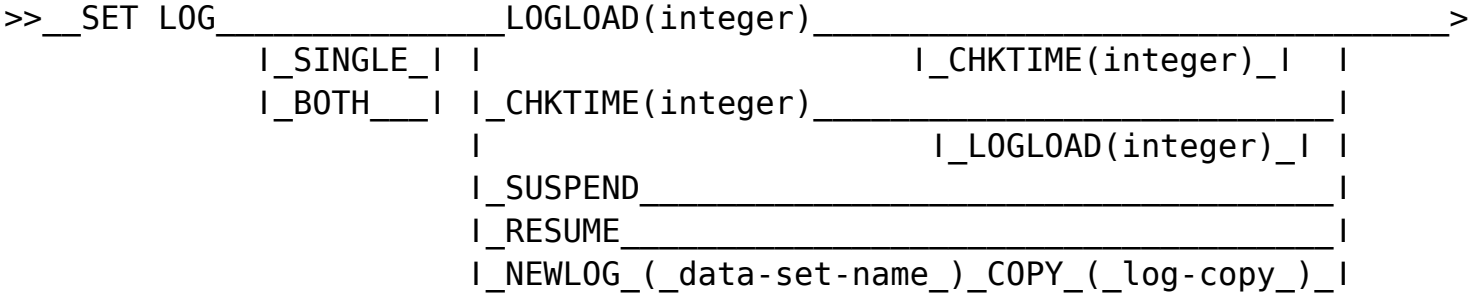
RUN



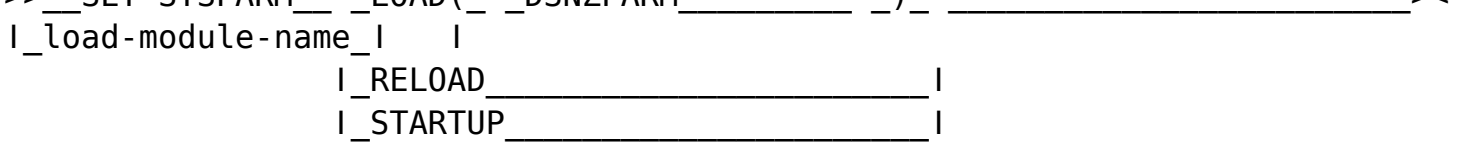
-SET ARCHIVE



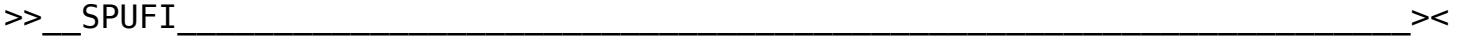
-SET LOG



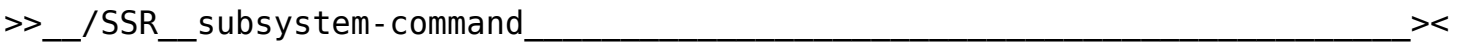
-SET SYSPARM



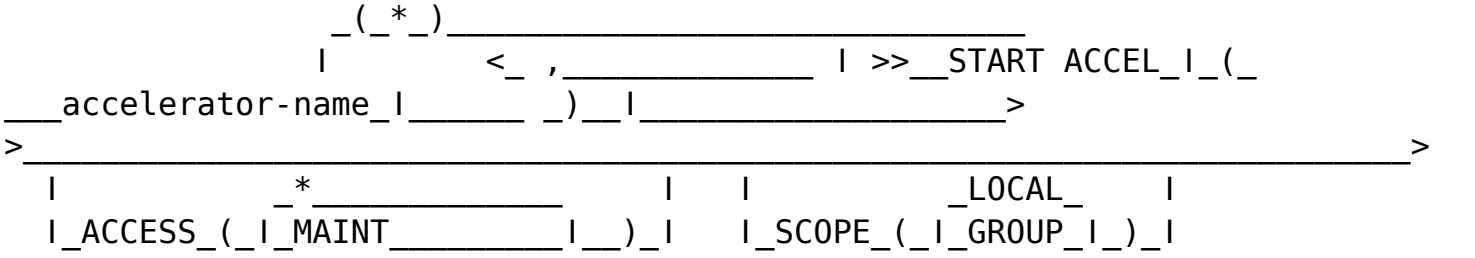
SPUFI

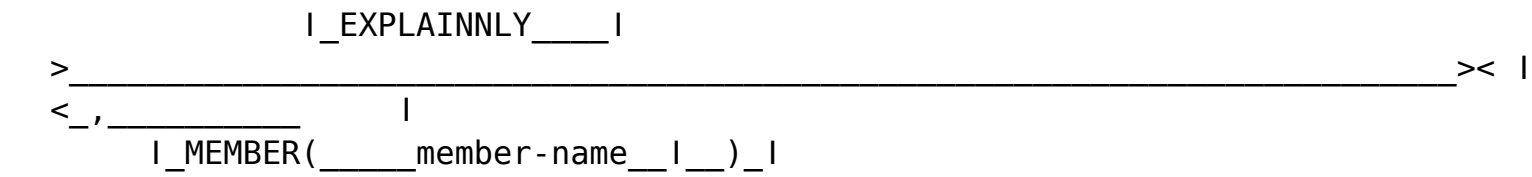


/SSR

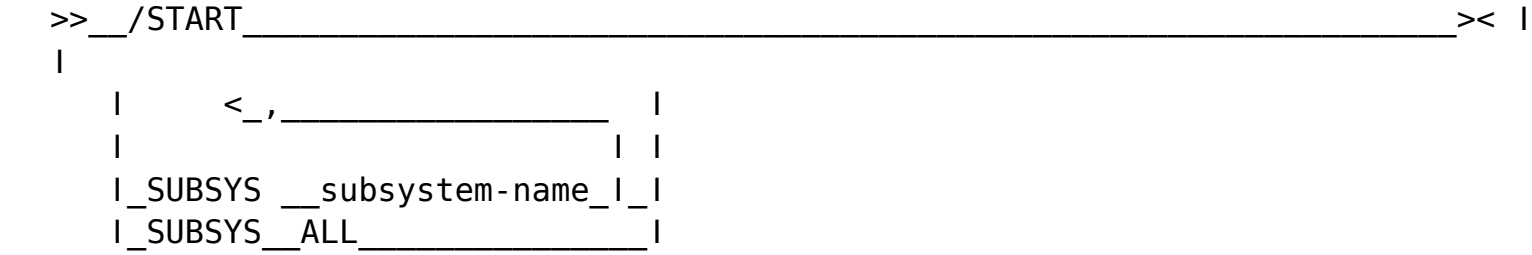


-START ACCEL

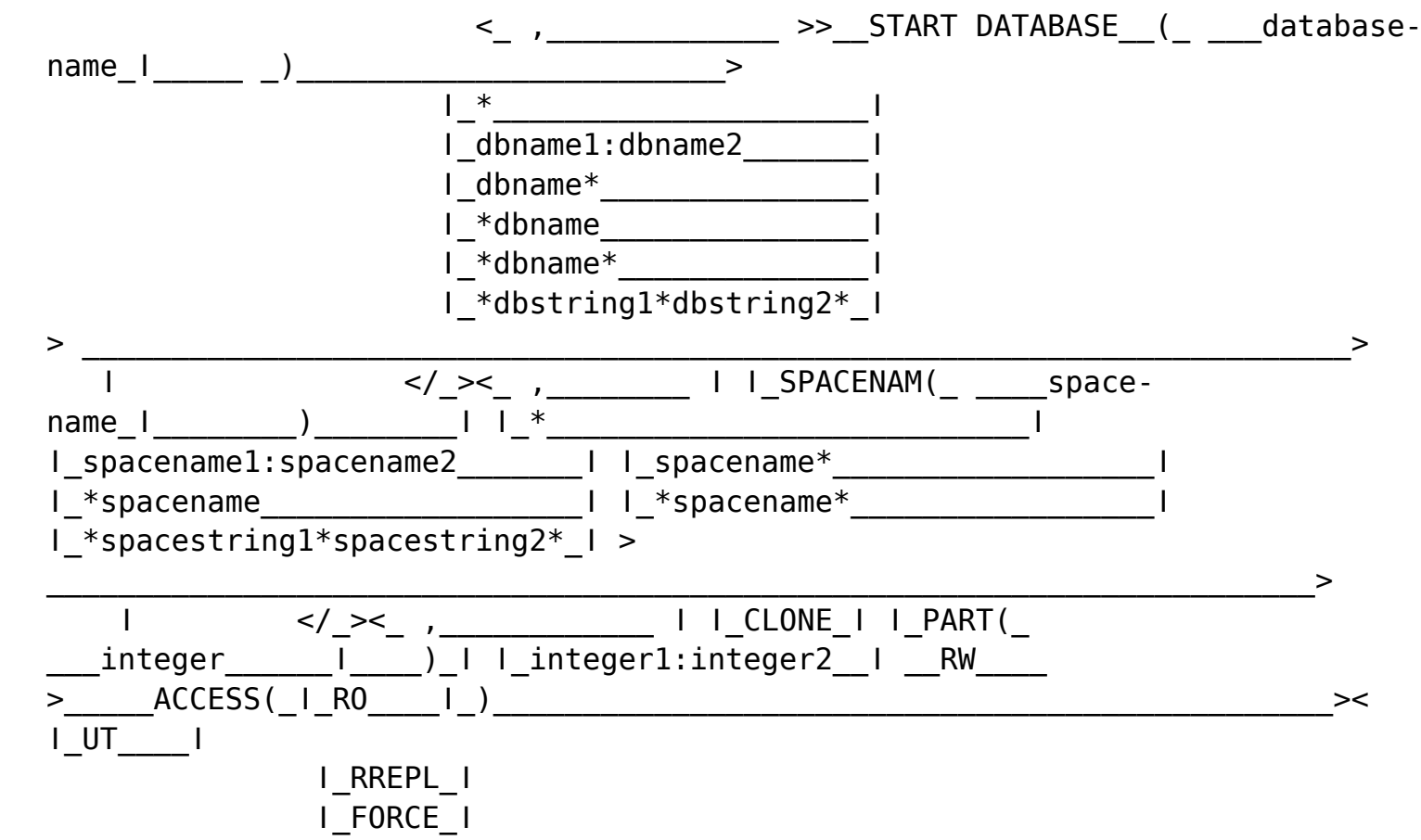




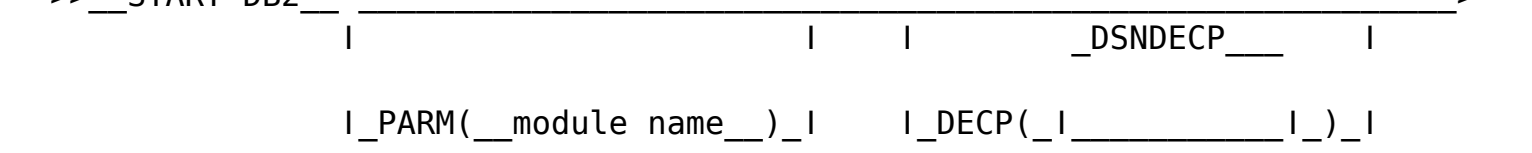
/START IMS

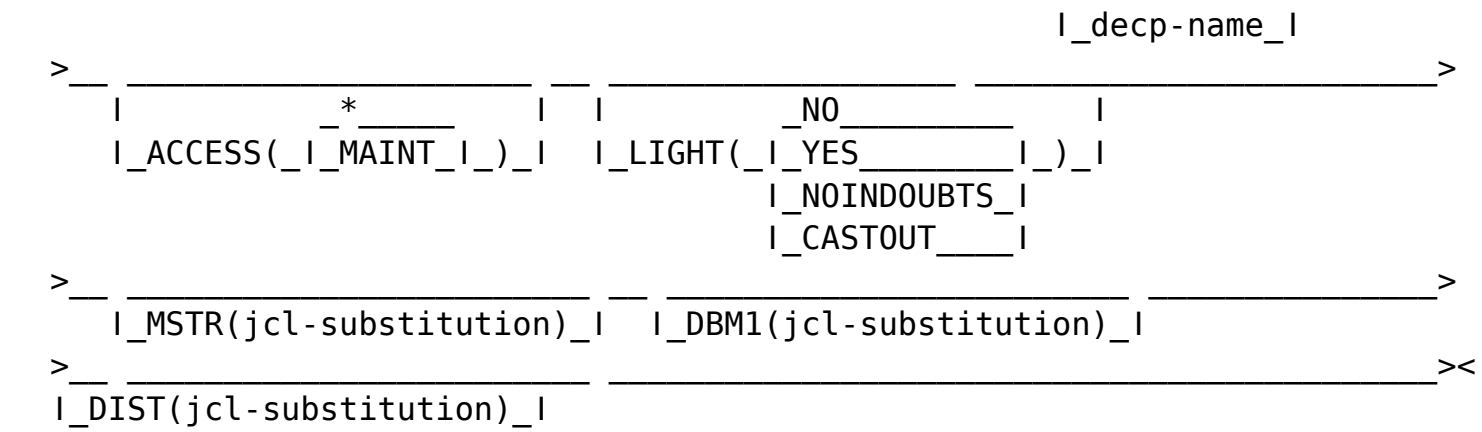


-START DATABASE



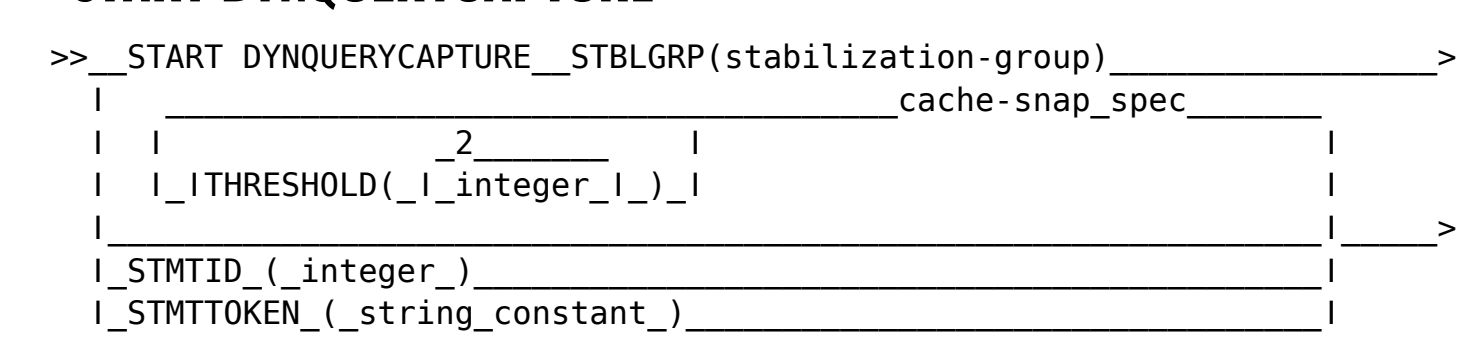
-START DB2



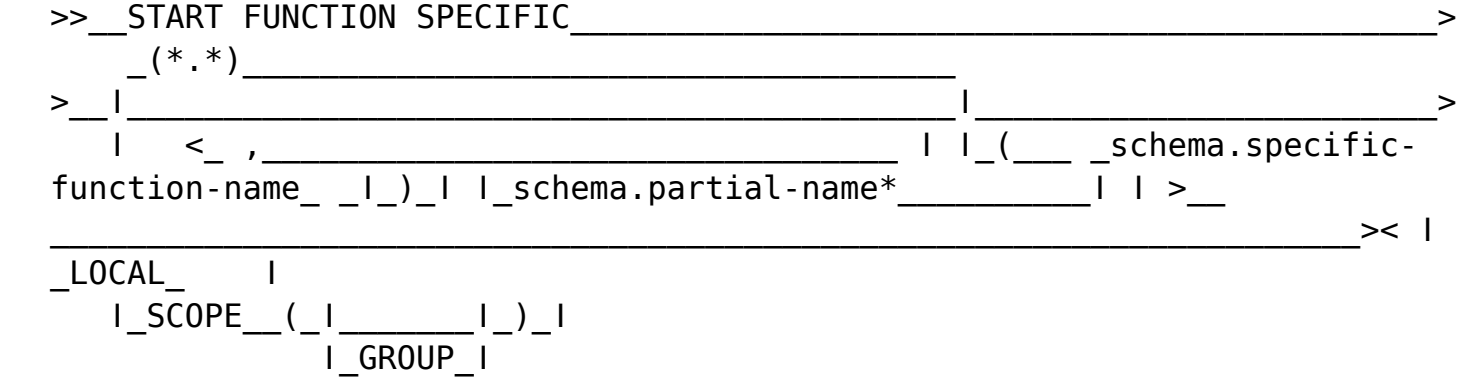


-START DDF

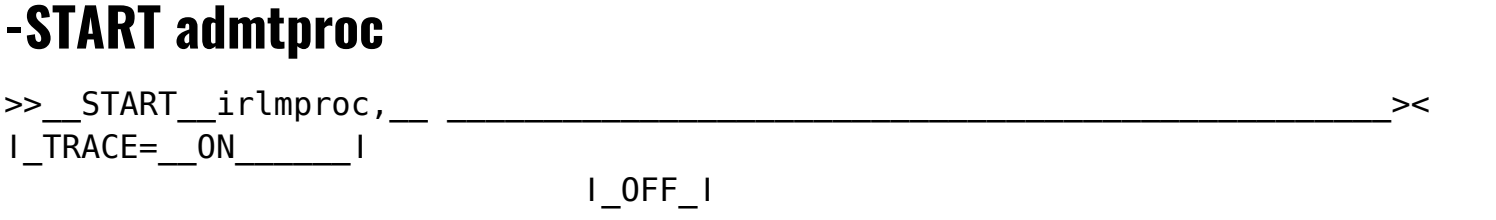
-START DYNQUERYCAPTURE



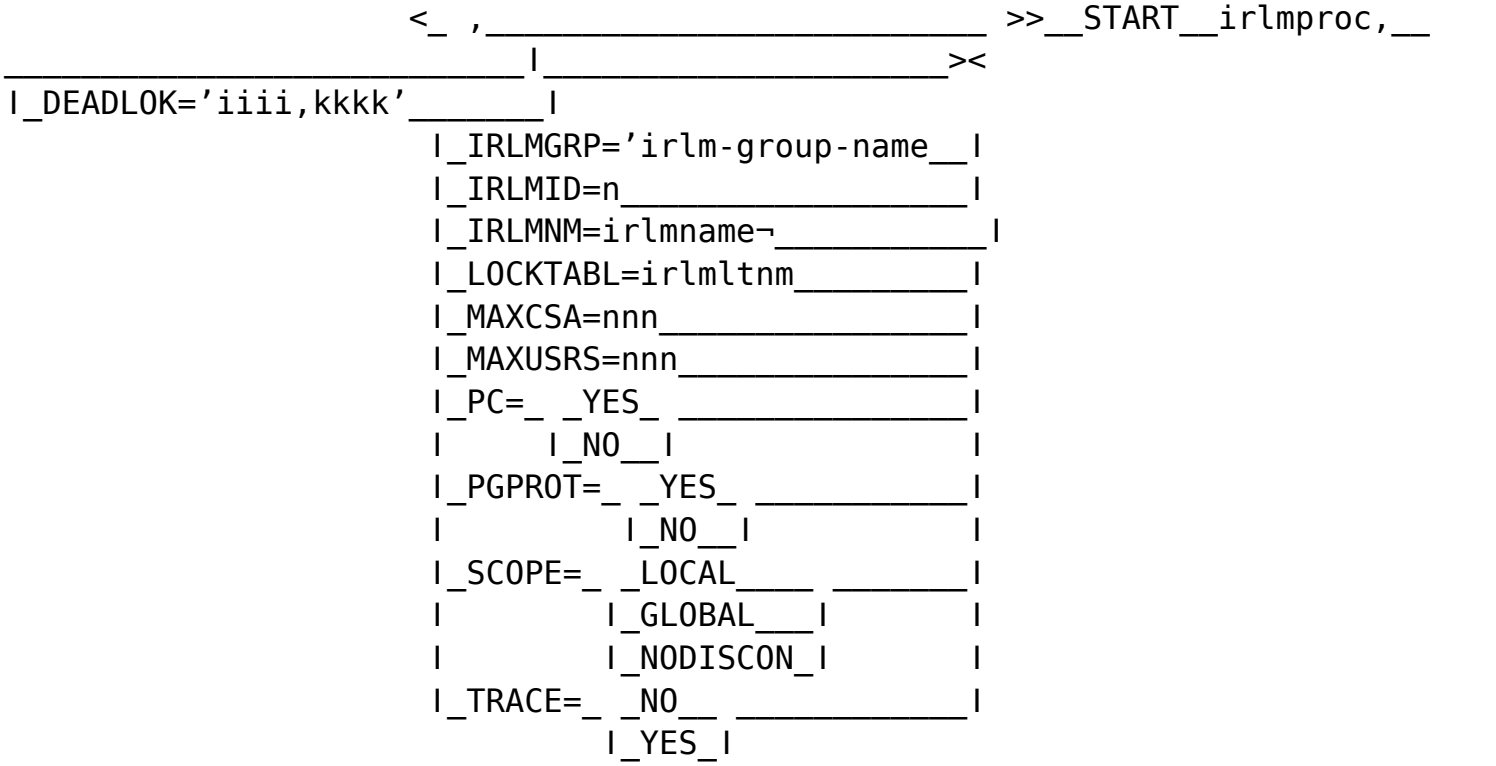
-START FUNCTION SPECIFIC



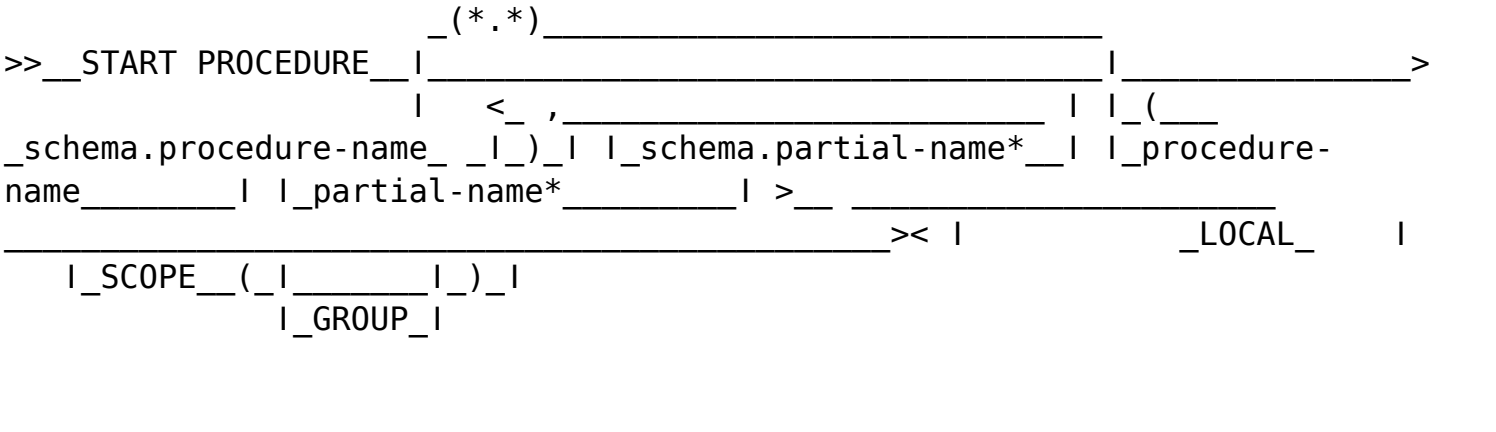
-START admtproc



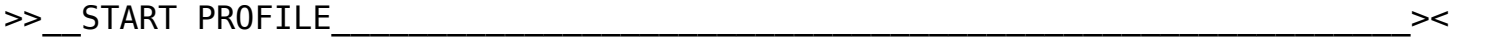
-START irlmproc



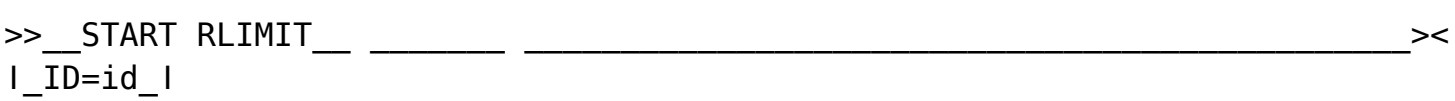
-START PROCEDURE



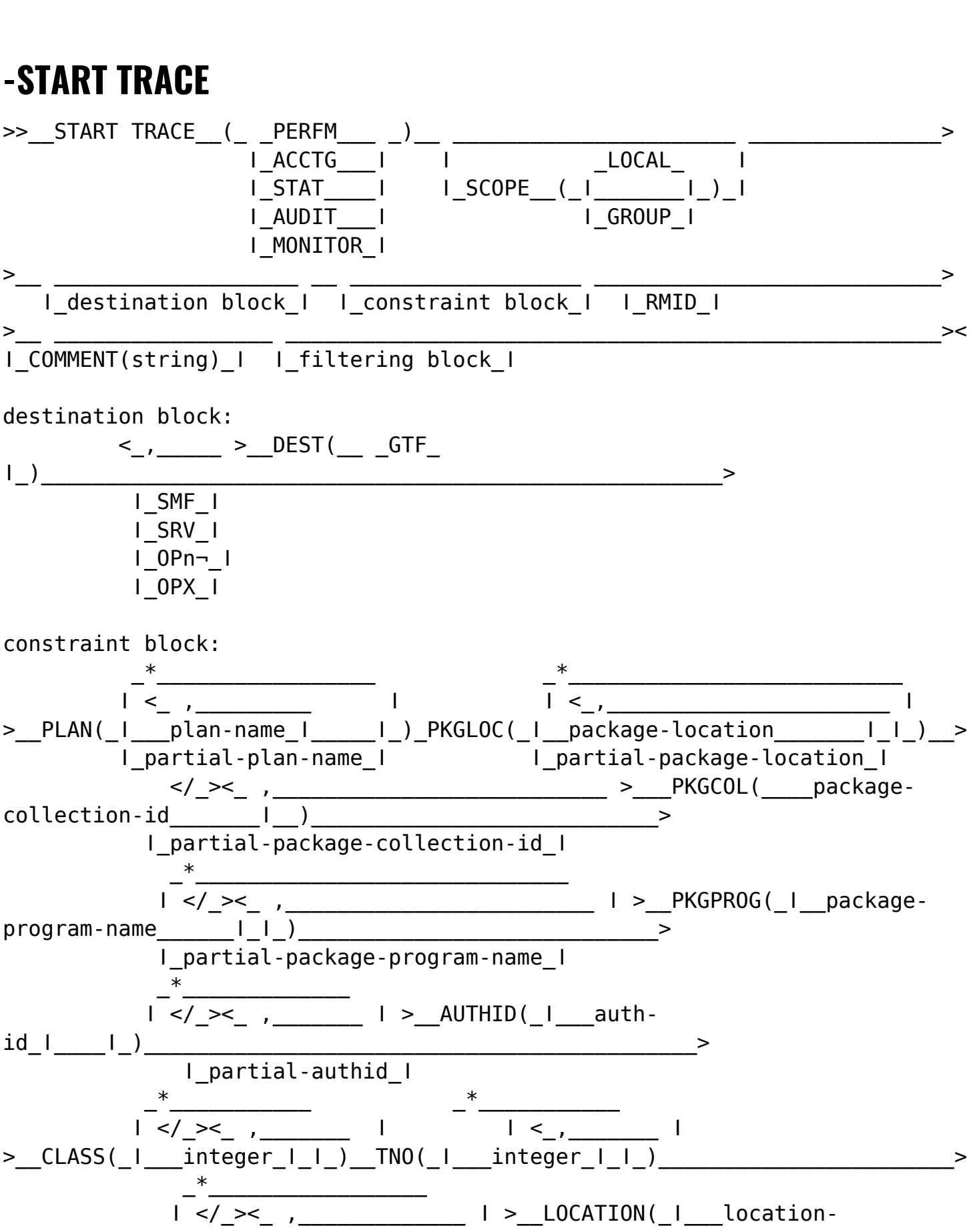
-START PROFILE

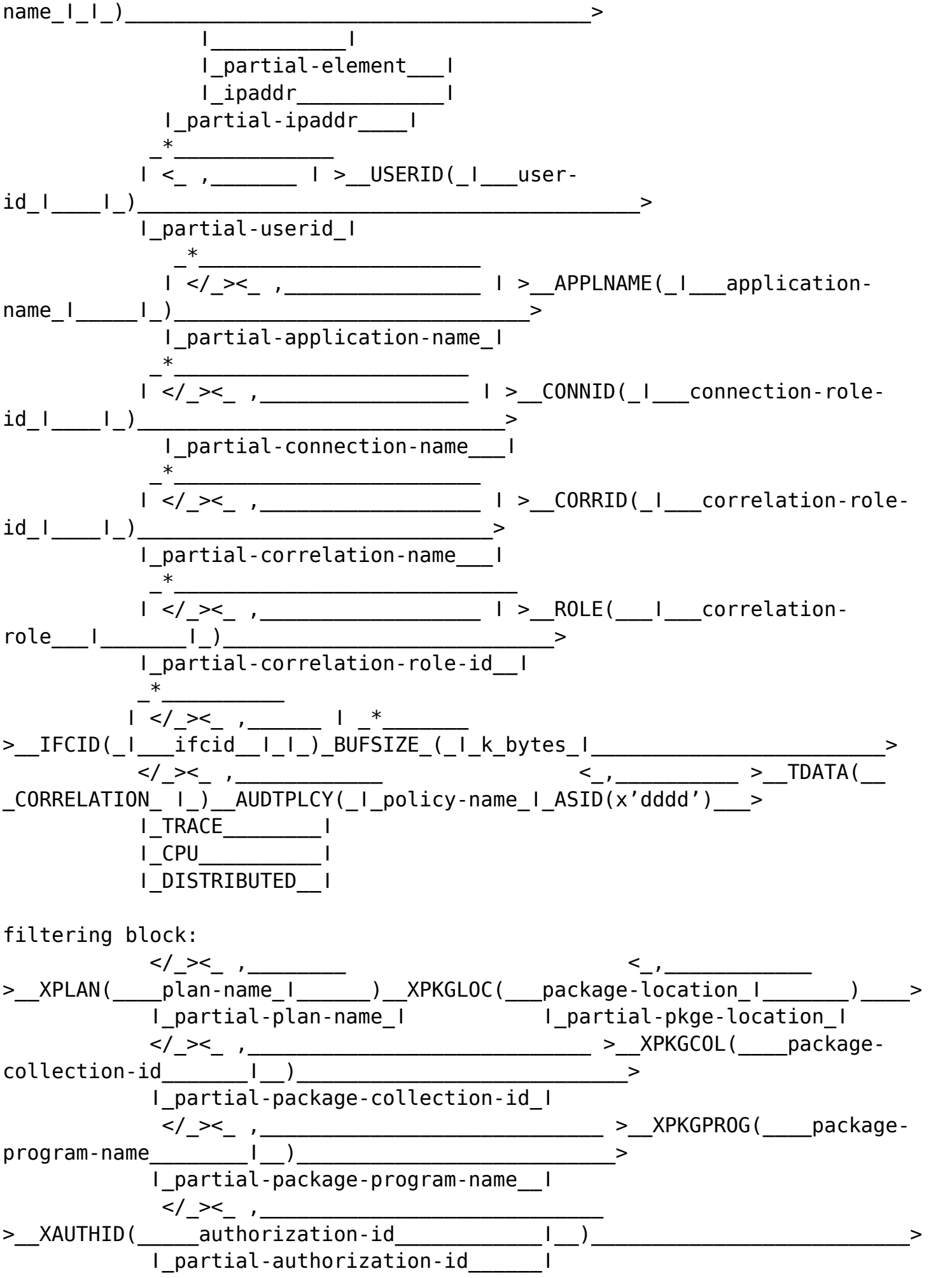


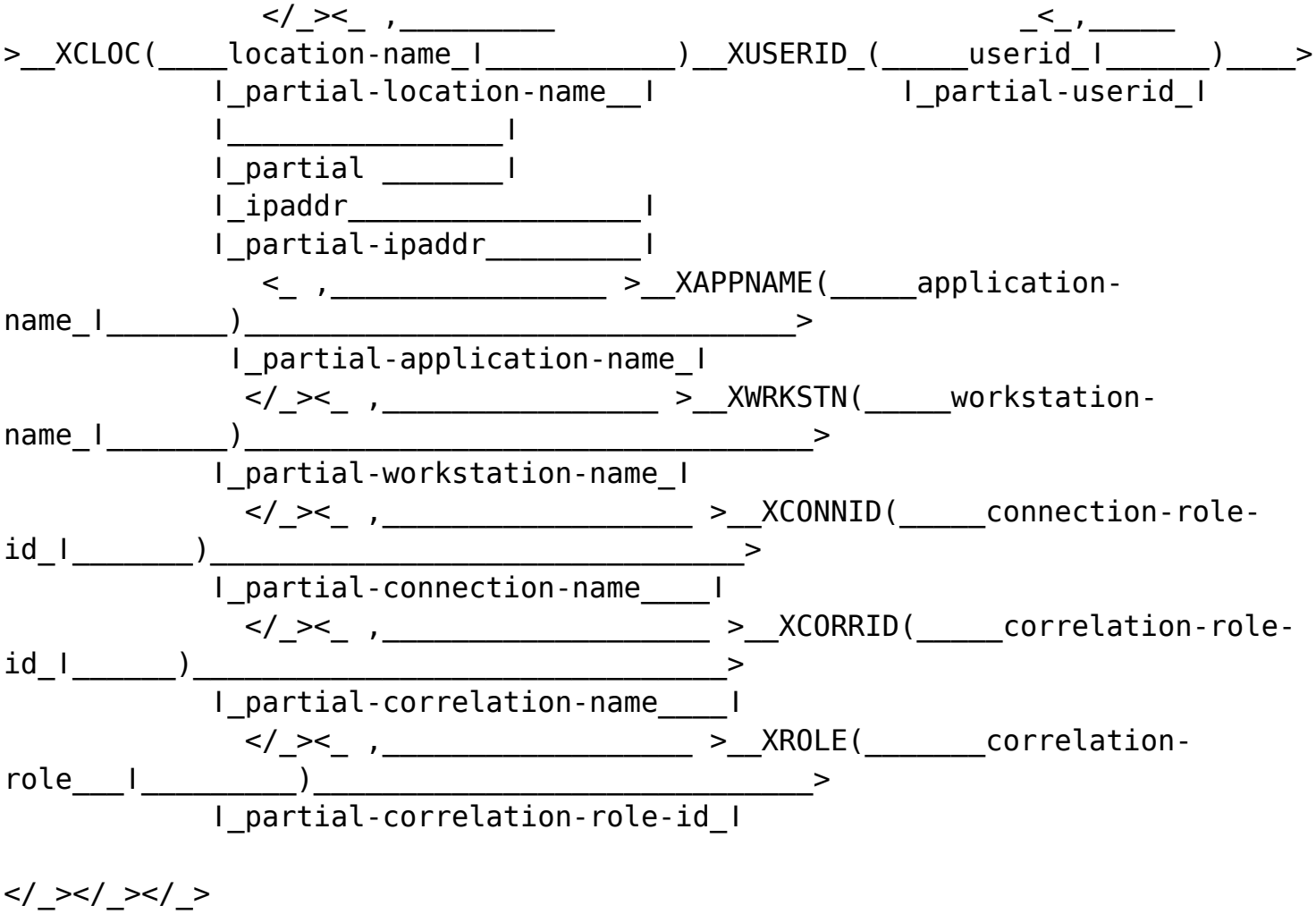
-START RLIMIT



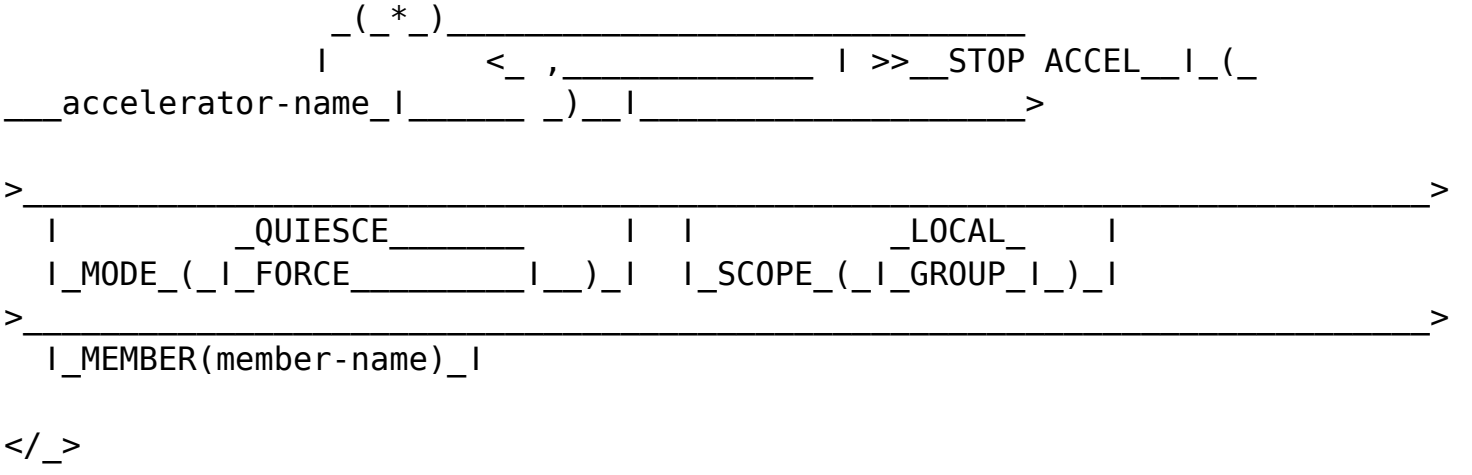
-START TRACE



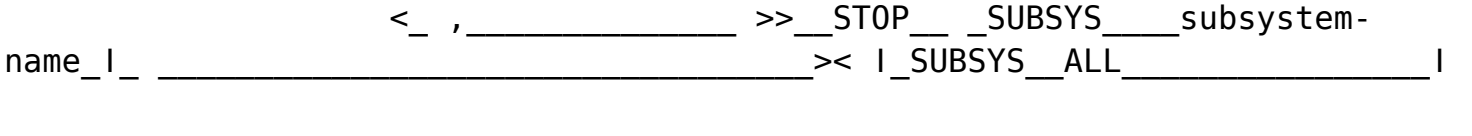

name_|_|_)_____>
|_____|
|_partial-element___|
|_ipaddr_____|
|_partial-ipaddr____|
_*_____
| <_ ,_____ | >__USERID(_|___user-
id_|____|_)_____>
|_partial-userid_|
_*_____
| </_><_ ,_____ | >__APPLNAME(_|___application-
name_|_____|_)_____>
|_partial-application-name_|
_*_____
| </_><_ ,_____ | >__CONNID(_|___connection-role-
id_|____|_)_____>
|_partial-connection-name___|
_*_____
| </_><_ ,_____ | >__CORRID(_|___correlation-role-
id_|____|_)_____>
|_partial-correlation-name___|
_*_____
| </_><_ ,_____ | >__ROLE(___|___correlation-
role___|_____|_)_____>
|_partial-correlation-role-id__|
_*_____
| </_><_ ,_____ | _*_____
>__IFCID(_|___ifcid__|_|_)_BUFSIZE_(_|_k_bytes_|_____>
</_><_ ,_____ <_,_____ >__TDATA(__
CORRELATION |_)__AUDTPLCY(_|_policy-name_|_ASID(x'dddd')___>
|_TRACE_____|
|_CPU_____|
|_DISTRIBUTED__|
filtering block:
</_><_ ,_____ <_,_____
>__XPLAN(____plan-name_|_____)__XPKGLOC(___package-location_|_____)____>
|_partial-plan-name_| |_partial-pkge-location_|
</_><_ ,_____ >__XPKGCOL(____package-
collection-id_____|__)_____>
|_partial-package-collection-id_|
</_><_ ,_____ >__XPKGPROG(____package-
program-name_____|__)_____>
|_partial-package-program-name__|
</_><_ ,_____
>__XAUTHID(_____authorization-id_____|__)_____>
|_partial-authorization-id_____|



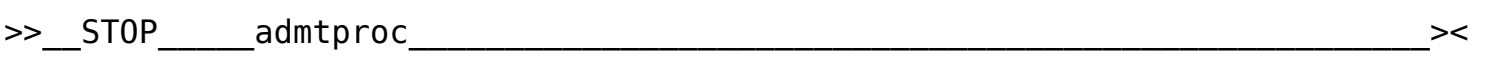
-STOP ACCEL



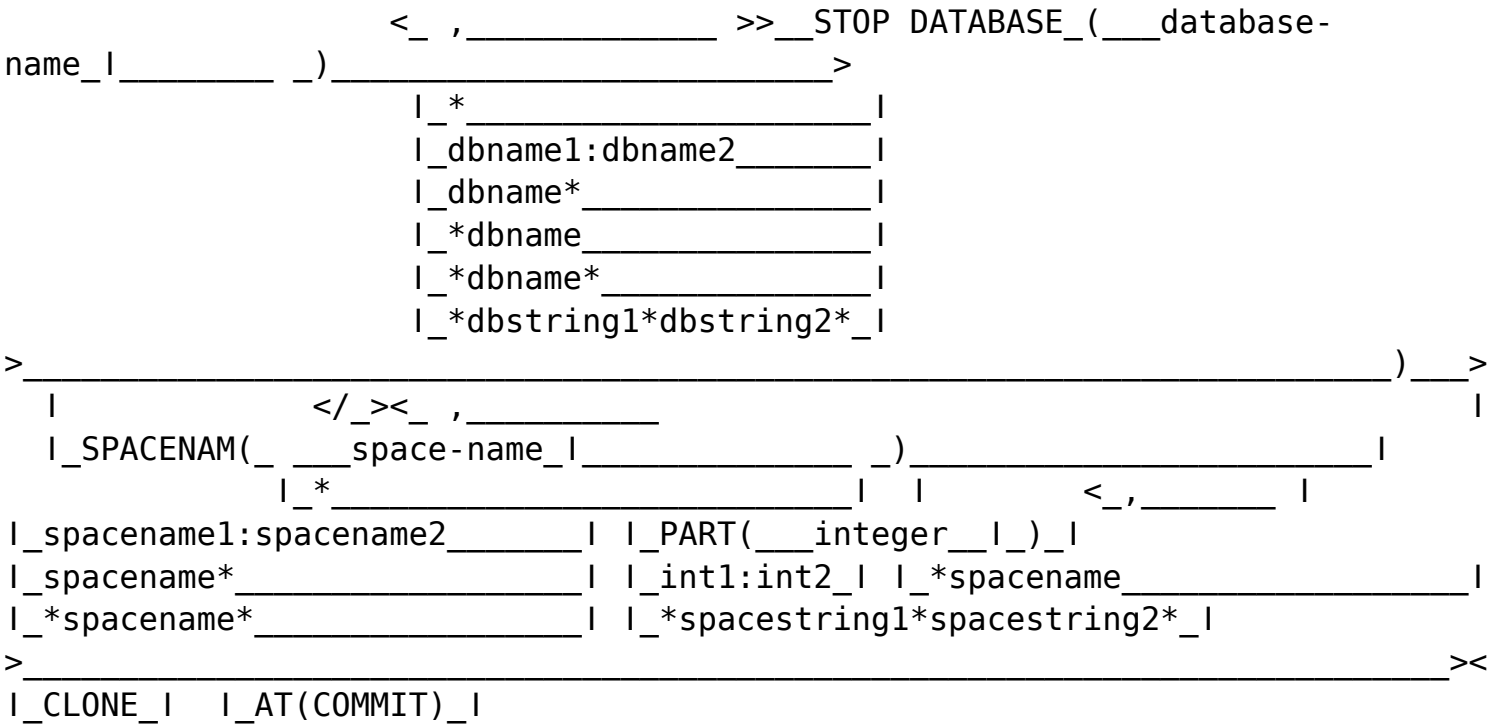
/STOP IMS



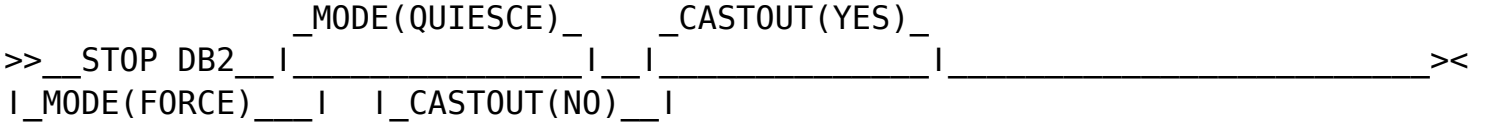
STOP admtproc



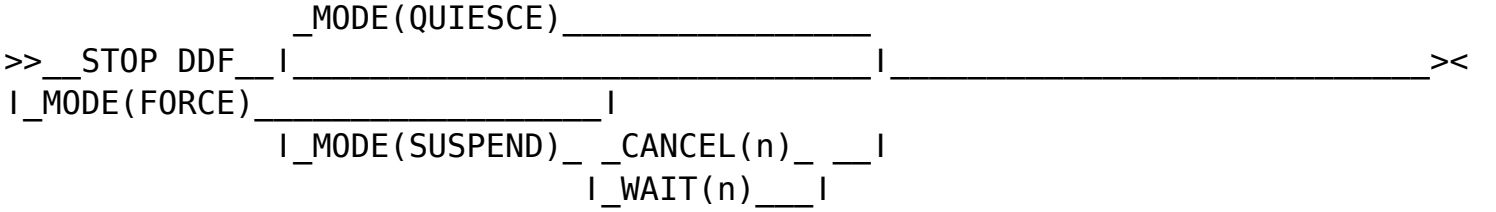
-STOP DATABASE



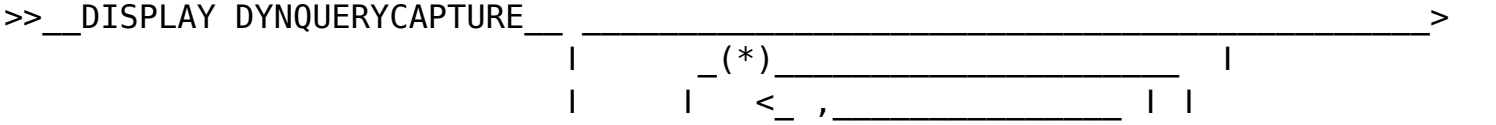
-STOP DB2

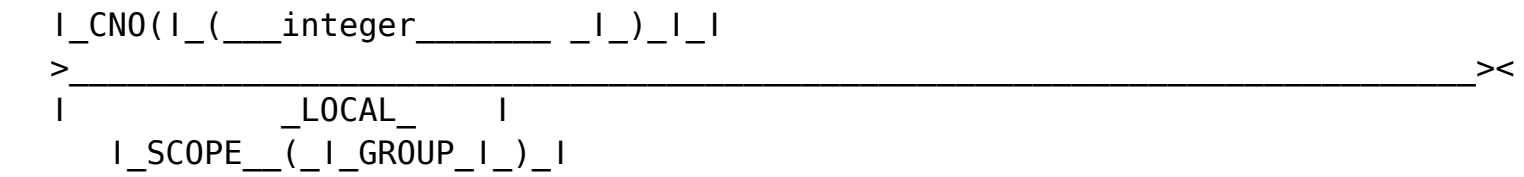


-STOP DDF

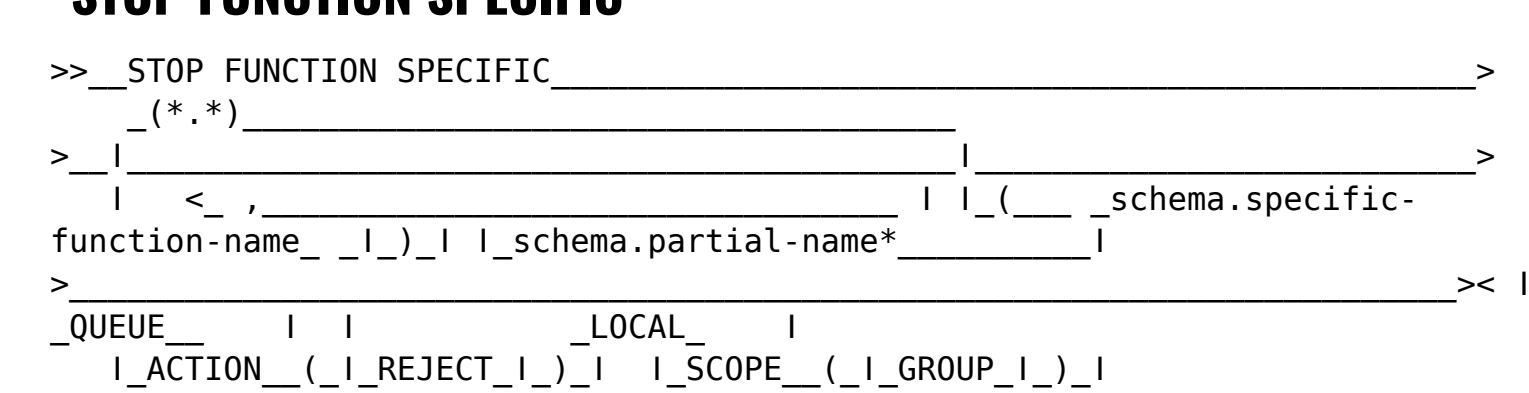


-STOP DYNQUERYCAPTURE

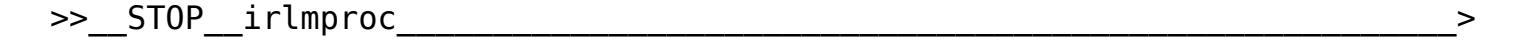




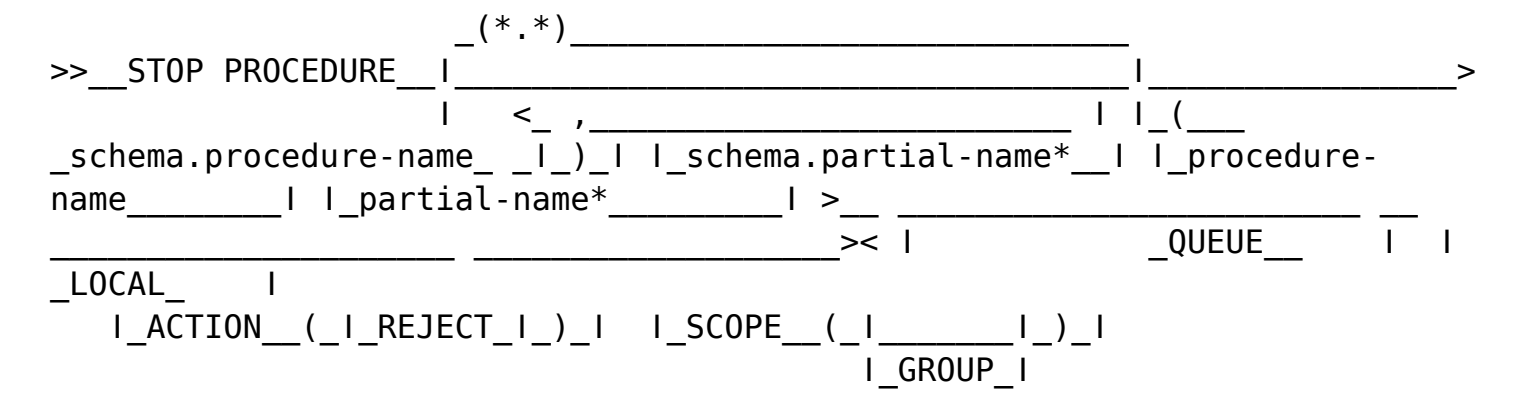
-STOP FUNCTION SPECIFIC



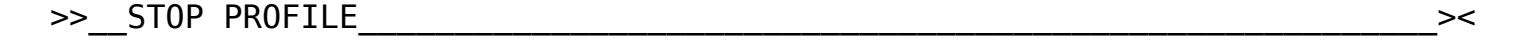
STOP irlmproc



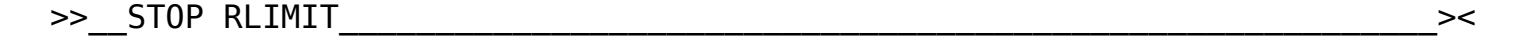
-STOP PROCEDURE



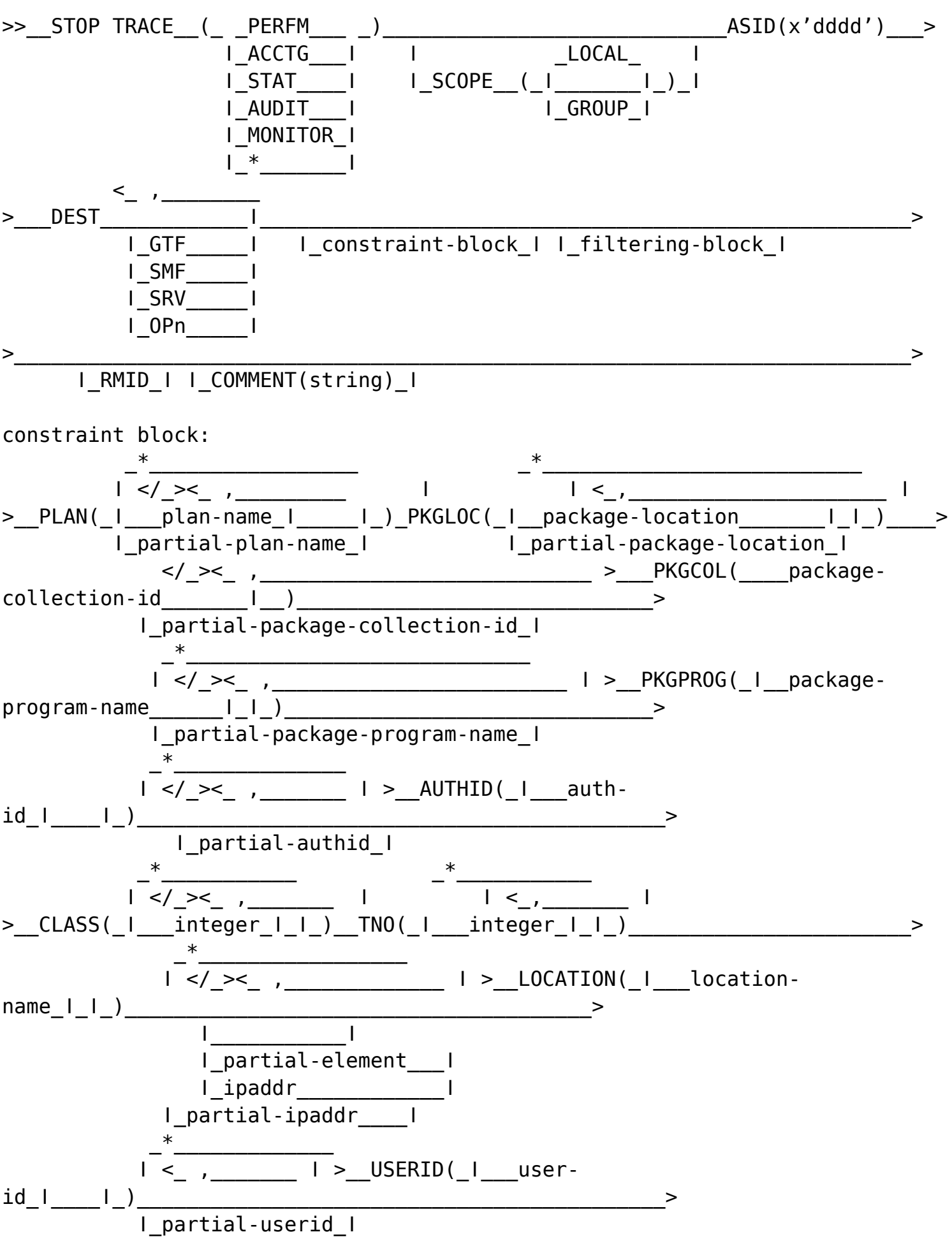
-STOP PROFILE

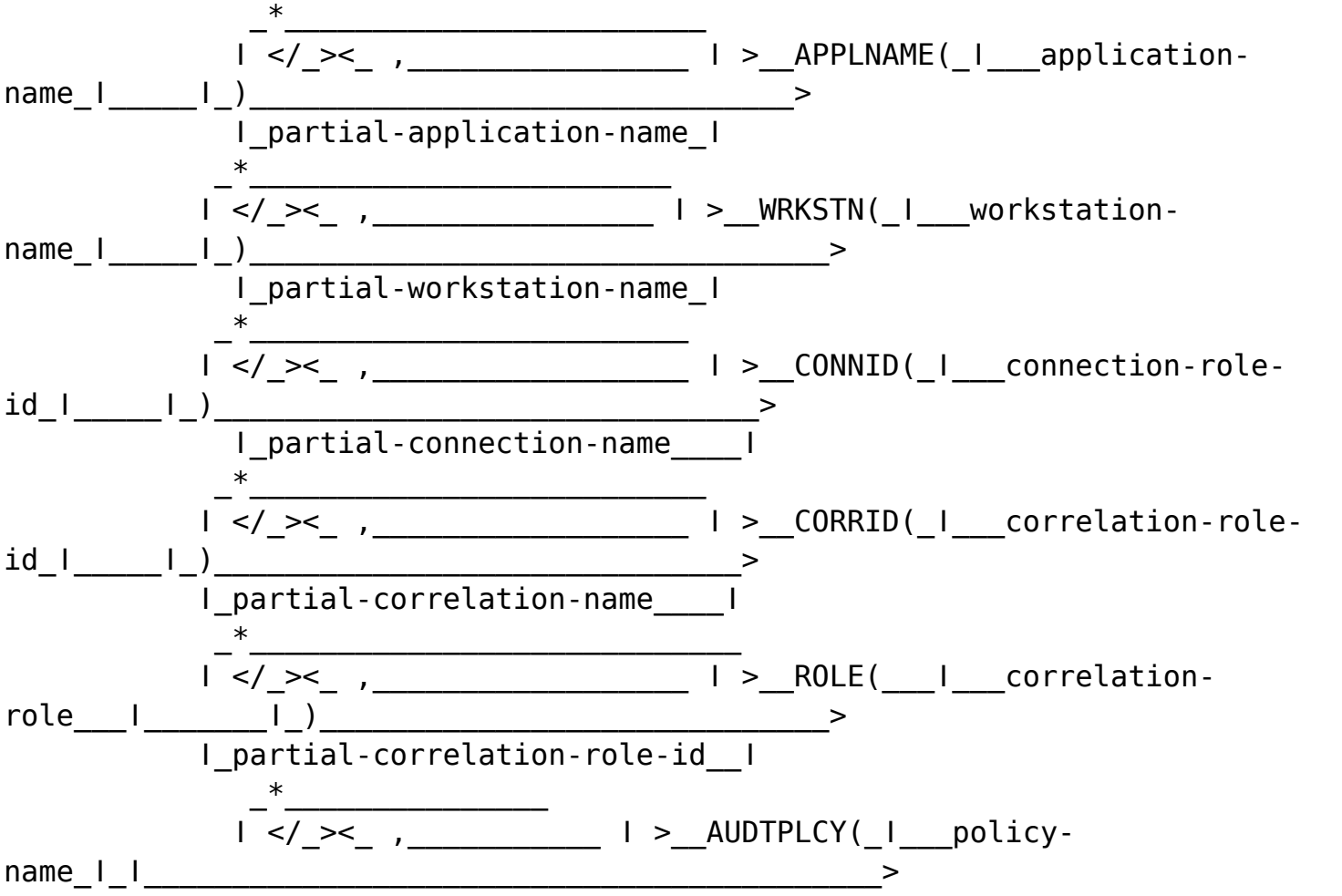


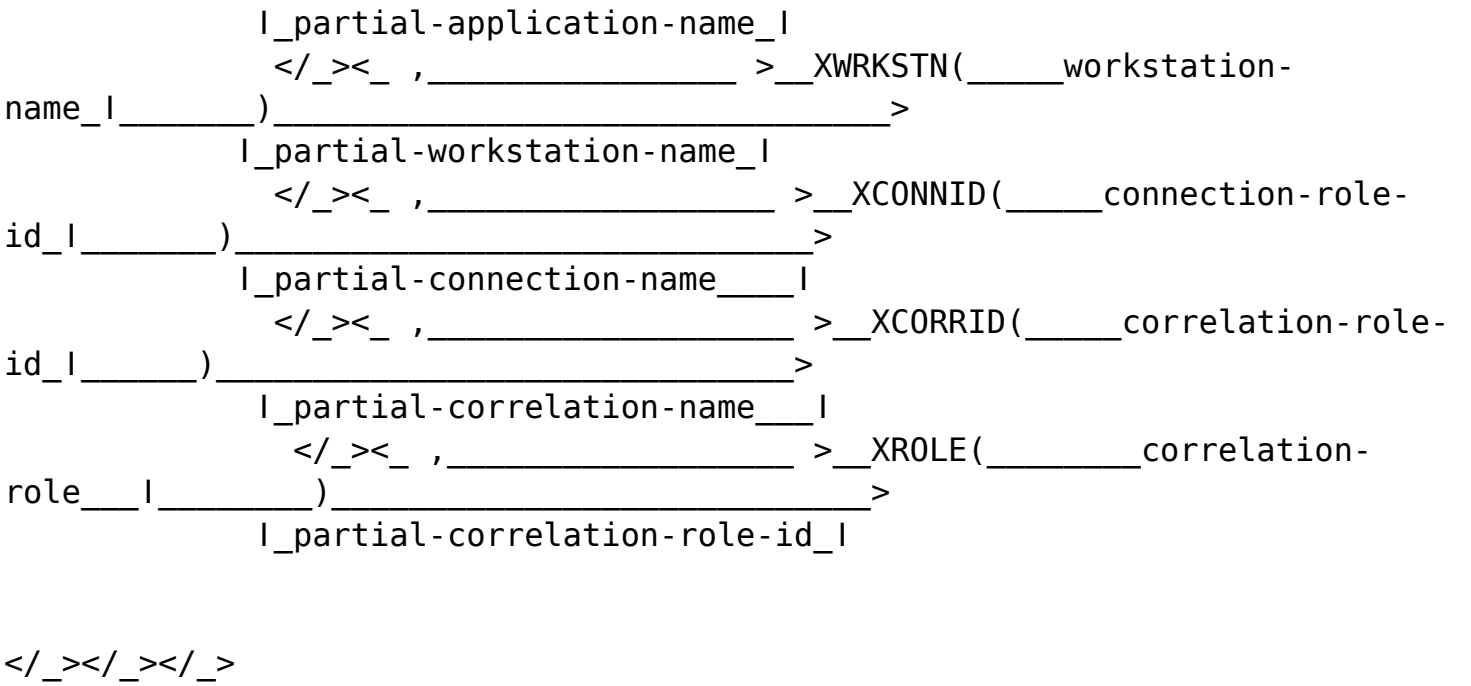
-STOP RLIMIT



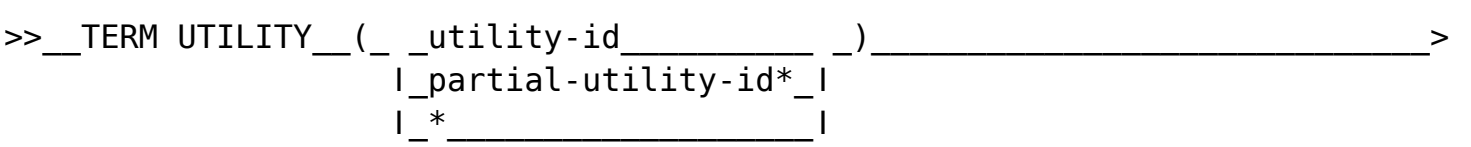
-STOP TRACE


>>__STOP TRACE__(_ _PERFM___ _)_____ASID(x'dddd')___>
I_ACCTG___I I_LOCAL_ I
I_STAT____I I_SCOPE__(_I_____I_)_I
I_AUDIT___I I_GROUP_I
I_MONITOR_I
I_*_____I
<_ ,_____
>___DEST_____I_____>
I_GTF_____I I_constraint-block_I I_filtering-block_I
I_SMF_____I
I_SRV_____I
I_OPn_____I
>_____>
I_RMID_I I_COMMENT(string)_I
constraint block:
_*_____ _*_____
I </_><_ ,_____ I <_,_____ I
>__PLAN(_I___plan-name_I_____I_)_PKGLOC(_I__package-location_____I_I_)____>
I_partial-plan-name_I I_partial-package-location_I
</_><_ ,_____ >___PKGCOL(____package-collection-id_____I__)_____>
I_partial-package-collection-id_I
_*_____
I </_><_ ,_____ I >__PKGPROG(_I__package-program-name_____I_I_)_____>
I_partial-package-program-name_I
_*_____
I </_><_ ,_____ I >__AUTHID(_I___auth-id_I____I_)_____>
I_partial-authid_I
_*_____ _*_____
I </_><_ ,_____ I <_,_____ I
>__CLASS(_I___integer_I_I_)__TNO(_I___integer_I_I_)_____>
_*_____
I </_><_ ,_____ I >__LOCATION(_I___location-name_I_I_)_____>
I_____I
I_partial-element___I
I_ipaddr_____I
I_partial-ipaddr____I
_*_____
I <_ ,_____ I >__USERID(_I___user-id_I____I_)_____>
I_partial-userid_I

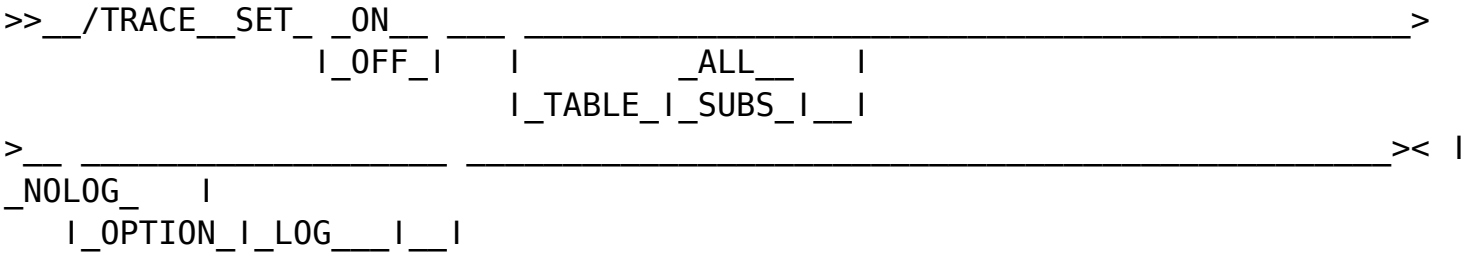

name_I_____I_)
name_I_____I_)
id_I_____I_)
id_I_____I_)
role___I_____I_)
name_I_I
filtering block:
>__XPLAN(____plan-name_I_____)__XPKGLOC(___package-location_I_____)____>
collection-id_____I__)
program-name_____I__)
>__XAUTHID(_____authorization-id_____I__)
>__XCLOC(____location-name_I_____)__XUSERID_(_____userid_I_____)____>
name_I_____)



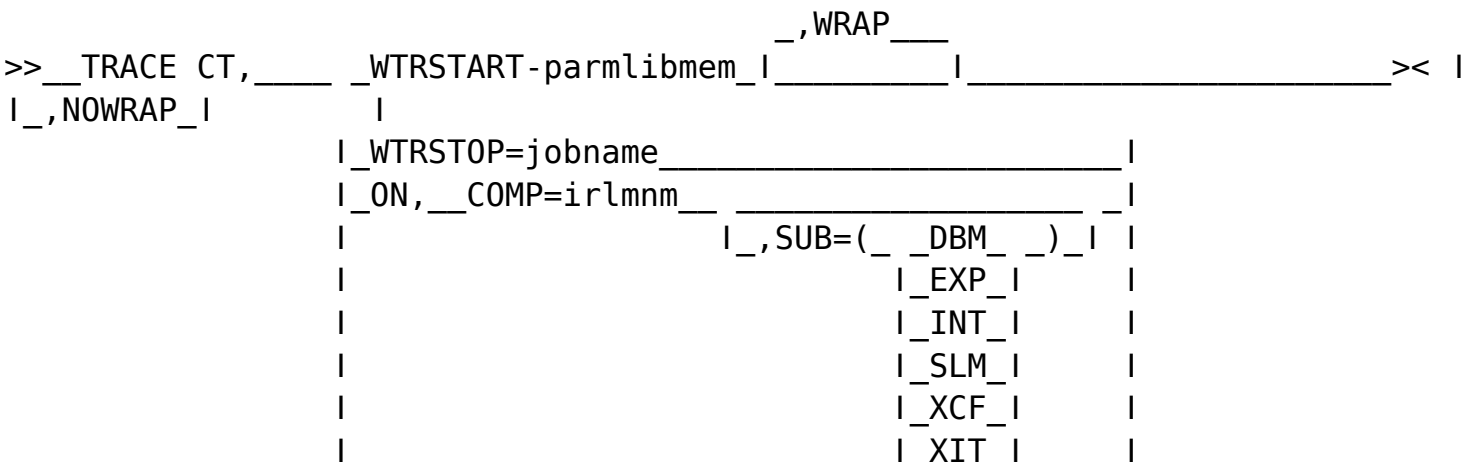
-TERM UTILITY



TRACE IMS



TRACE CT



I_OFF_____I

</_>

</_>

</_>

</_>

</_>

</_>

</_>

</_>

</_>

</_>

</_>

</_>

</_>

</_>

</_>

</_>

</_>

</_>

</_>

</_>

</_>

</_>

</_>

</_>

</_>

</_>

Disclaimer: This Db2® 12 for z/OS Reference Guide was developed to help users in their daily activities in administrating and programming in Db2 for z/OS. There are no guarantees expressed or implied with the contents in this guide. We want to provide a quality and useful reference for users. Please notify us of any mistakes or errors in this reference guide at blogs@bmc.com. Db2 is a registered trademark of the IBM Corporation.