



VisualAge Pacbase 2.5

BATCH FORMS

DDBTC000021A

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BATCH FORMS

| PAGE | ENTITY DESCRIPTION | BATCH | ON-LINE |
|------|---------------------------------|--------|---------|
| | Library | | |
| 1 | User Identification | * | |
| | Library Definition | X | * ... |
| | Freezing a Session | X1HIST | |
| | Keywords | | |
| 26 | Keywords-Thesaurus Building | G | |
| | General Documentation | V3 | -G |
| 8 | Enrichment of the Thesaurus | G1 | K |
| | Data Element | | |
| 3 | Definition | C | E |
| | Description | E | -D |
| | Text | | |
| 7 | Definition | S | T |
| | Description of Paragraph | T | -D |
| | User Manual | | |
| 15 | Definition | U | U .. |
| | Description | U | -D |
| | Data Structure | | |
| 4,18 | Data Structure Definition | A | D .. |
| | Segment | | |
| 4 | Data Structure Definition | A | D .. |
| | Segment Definition | 2 | S |
| | Segment Call of Elements | 3 | -CE |
| 34 | Sub-schemas and Sub-systems | 21 | -SS |
| | Dialogue - Screen | | |
| 9 | Dialogue or Screen Definition | H | O |
| | Dialogue Complement | H3 | -O |
| 10 | Call of Elements | I | -CE |
| | Segments | H2 | -CS |
| 11 | Call of P.M.S. | M | -CP |
| | Beginning Insertions | D | -B |
| 12 | Work areas | 7 | -W |
| | Procedural Code | P | -P |
| | Program | | |
| 13 | Definition | 0 | P..... |
| | Program Call of Data Structures | 1 | -CD |

| | | | |
|----|---|----------------|-----------------------|
| 11 | Call of P.M.S. Beginning Insertions | M D | -CP -B |
| 12 | Work areas Procedural Code | 7 P | -W -P |
| 14 | COBOL Source Pure COBOL (Programs) | FC 9 | -SC -9 |
| | Report | | |
| 18 | Data Structure Definition Report Definition Layout Line | A B 4 | D .. R ... -L |
| 19 | General Characteristics (top) List of Categories (body) | 5 5 | -D -D |
| 20 | Report: Call of Elements | 6 | -CE |
| | Database Block | | |
| 6a | Hierarchical Definition Description | L1 L2 | B -DH |
| 6b | Codasy1 Definition Description | L1 L3 | B -DC |
| 6c | DB2 Definition Description | L1 L3 | B -DC |
| 6d | Relational - SQL Definition Description | L1 L4 | B -DR |
| 6e | TurboIMAGE Definition Description | L1 L2 | B -DT |
| | Volume | | |
| 16 | Definition Description | W1 W2 | V -D |
| | Parameterized Input Aids | | |
| 17 | Definition Description | V1 V2 | I -D |
| 27 | General Documentation P.I.A.'s Called | V3 VZ | -G -G |
| | PacModel | | |
| 5 | Model Entity Definition (object, relationship, F.I.C.) Model Relationship Call of Objects Model Call of Elements/attributes | K1 K2 K3 | M -CM -CE |

BATCH FORMS

| | | | |
|----|--|----------|-------------------------|
| | User Entity | | |
| 21 | Definition Name of UEO detail line | Y1 Y6 | F F |
| 22 | Description | Y2 | -CE |
| | User Entity Occurrence | | |
| 23 | Definition | Y3 | \$ - |
| 24 | Description | Y4 | -D |
| | User-Defined Relationship | | |
| 25 | Definition | Y5 | Q |
| 27 | General Documentation P.I.A.'s Called | V3 VZ | -G -G |
| 26 | Keywords-Thesaurus Building General Documentation | G V3 | Entity Definition -G |
| 28 | Update Lock | R | LL |

PROCEDURE INPUT DESCRIPTION

| | | | |
|----|--|----------------------|----------------------|
| | UPDT Library | | |
| 1 | User Identification Library Definition Freezing a session | * X X1HIST | |
| | GPRT Generation-Print | | |
| 2 | User Identification Generation and Print Commands | * Z | GP |
| | PARM Update of User Parameters | | |
| 29 | User Codes Updating User Code (specific auth.) | NU NU | PU PU |
| 30 | Optional Control Cards Updating Standard Error Messages Updating Text Types Updating Special characters | NC NE NT NW | PC PE PT PW |
| | GETx Generation and Printing of Table Description | | |
| 1 | PACBASE/PACLAN User Identification | * | |
| 33 | Generation and Printing | Z | |
| | UPTA PACTABLE Table Update | | |
| | PRTA PACTABLE Printing | | |

RETA **PACTABLE Reorganization**
EXTA **PACTABLE Extraction**
TUTA **Direct Consultation of Tables**
CDT1 **Table Description Comparison**
CVTA **Table Data Comparison**

| | | |
|----|---|----|
| 31 | PACTABLE User Identification | * |
| | Table Identification | A |
| | Table Data | V |
| | PMTA PACTABLE User Parameter Update | |
| 32 | User Code Update | TA |
| | Table Access Authorization | TC |
| | Table Control Cards | TJ |
| | LDTA List of Table Descriptions | |
| 31 | PACTABLE User Identification | * |
| 33 | Generation and Printing | Z |

DATA ELEMENT

Definition

| a | c | data element code | type | name of data element | format type | input, internal or output format | usage/blank when 0 | parent element code |
|---|---|-------------------|------|----------------------|-------------|----------------------------------|--------------------|---------------------|
| | | ① | ③ | ② | ④ | ⑤ or ⑥ or ⑧ | ⑦ | ⑨ ⑪ |
| 1 | 2 | 3 | 9 | 10 | 46 | 47 | 74 | 75 80 |
| C | | | | | | | | |
| C | | | | | | | | |
| C | | | | | | | | |
| C | | | | | | | | |
| C | | | | | | | | |
| C | | | | | | | | |

Description

| a | c | data element code | line number | type of line signification type | data element value | significance-description |
|---|---|-------------------|-------------|---------------------------------|--------------------|--------------------------|
| | | ① | ③ | ④ ⑤ | ⑥ | ⑦ |
| 1 | 2 | 3 | 9 | N | 12 13 14 | 24 27 80 |
| E | | | | | | |
| E | | | | | | |
| E | | | | | | |
| E | | | | | | |
| E | | | | | | |
| E | | | | | | |
| E | | | | | | |
| E | | | | | | |
| E | | | | | | |

SEGMENT

Data Structure definition

| a | c | d.s. code | name of data structure | complement | type of d.s. |
|---|---|-----------|------------------------|------------|--------------|
| | | ① | ② | ③ | ④ |
| 1 | 2 | 3 | 5 | 35 | 79 80 |
| A | | | | | |

Segment definition

| a | c | d.s. code | seg. code | type: L or B | code/value of record type element | (6) name of segment (type of line 'L') or | | | | | | segment presence | | | | | | occurrences of segment in table | estimated number of instances | | | | | |
|---|---|-----------|-----------|--------------|-----------------------------------|---|-------------------|--------|--------|-------|-------|------------------|----|----|----|----|----|---------------------------------|-------------------------------|---|----|---|----|----|
| | | | | | | code of action code element | action code value | | | | | | C | M | D | 4 | 5 | | | | | 6 | | |
| | | | | | | | create | modify | delete | mod-4 | mod-5 | mod-6 | | | | | | | | | | | | |
| | | ② | ③ | ④ | ⑤ | ⑦ | ⑧ | ⑨ | ⑩ | ⑪ | ⑫ | ⑬ | ⑭ | ⑮ | ⑯ | ⑰ | ⑱ | ⑳ | ㉑ | | | | | |
| 1 | 2 | 4 | 6 | 8 | 12 | 22 | 28 | 33 | 38 | 43 | 48 | 53 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | N | 68 | N | 77 | 80 |
| 2 | | | | L | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | |

Segment call of elements

| a | c | d.s. code | seg. code | line number | data element code | name of data element | internal format of data element | usage | occurrences (COBOL 'OCCURS' clause) | no. of elementary elements in group | key-access/sort | data element | | | | | | | | | | | values/ sub-function code | update target | | | | | | | | | | | |
|---|---|-----------|-----------|-------------|-------------------|----------------------|---------------------------------|-------|-------------------------------------|-------------------------------------|-----------------|--------------|---|----|----|----|----|-----------------------|------|----|----|----|---------------------------|---------------|----|-----------------|-----------------|--------------------------|----|----|----|----|----|----|--|
| | | | | | | | | | | | | presence | | | | | | validation | | | | | | contents | | 1st part (d.s.) | 2nd part (seg.) | last part (data element) | | | | | | | |
| | | | | | | | | | | | | C | M | D | 4 | 5 | 6 | class and/or negation | type | 11 | 12 | 13 | | 14 | 15 | | | | 16 | 17 | 18 | 19 | 20 | 21 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | ① | ② | ④ | ⑤ | ⑥ | ⑦ | | ⑧ | ⑨ | ⑩ | ⑪ | ⑫ | ⑬ | ⑭ | ⑮ | ⑯ | ⑰ | ⑱ | ⑲ | ⑳ | ㉑ | ㉒ | ㉓ | ㉔ | ㉕ | | | | | | | | | |
| 1 | 2 | 3 | 5 | 7 | N | 10 | 16 | 34 | 44 | 45 | N | 48 | P | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | | | | 71 | 73 | 75 | 80 | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PACMODEL

Model entity definition (object, relationship, F.I.C.)

| c | a | code of Pacmodel entity | line number | code of the object | min. | max. | average cardinality | parent object | number of occurrences of an object | code of the implied relationship | name of design-aid entity | type of d.a. entity |
|---|---|-------------------------|-------------|--------------------|------|------|---------------------|---------------|------------------------------------|----------------------------------|---------------------------|---------------------|
| | | ① | | ④ | ⑤ | | ⑦ | | ④ | ⑤ | ② | ③ |
| 1 | 2 | 4 | 10 | N | 19 | 20 | 21 | P | N | 56 | | 46 47 |
| | | K1 | | | | | | | | | | |

Model relationship call of objects

| c | a | code of Pacmodel entity | line number | code of the object | min. | max. | average cardinality | parent object | number of occurrences of an object | code of the implied relationship | name of design-aid entity | type of d.a. entity |
|---|---|-------------------------|-------------|--------------------|------|------|---------------------|---------------|------------------------------------|----------------------------------|---------------------------|---------------------|
| | | ① | ③ | ④ | ⑤ | | ⑦ | | | | | |
| 1 | 2 | 4 | 10 | N | 13 | 19 | 20 | 21 | P | 28 | | 80 |
| | | K2 | | | | | | | | | | |
| | | K2 | | | | | | | | | | |

Model call of elements/attributes

| c | a | Code of Pacmodel entity | line number | property code | object key | number of repetitions | number of props. in a group | parent object | number of occurrences of an object | code of the implied relationship | name of design-aid entity | type of d.a. entity |
|---|---|-------------------------|-------------|---------------|------------|-----------------------|-----------------------------|---------------|------------------------------------|----------------------------------|---------------------------|---------------------|
| | | ① | ③ | ④ | ⑤ | ⑥ | ⑦ | | | | | |
| 1 | 2 | 4 | 10 | N | 13 | 19 | 20 | N | 23 | N | 25 | 80 |
| | | K3 | | | | | | | | | | |
| | | K3 | | | | | | | | | | |
| | | K3 | | | | | | | | | | |
| | | K3 | | | | | | | | | | |
| | | K3 | | | | | | | | | | |
| | | K3 | | | | | | | | | | |

DATABASE BLOCK (HIERARCHICAL)

Definition

| a | c | block code | name of the block | database block external name | type of block | front of block | back of block | | | | | | | | | | | | | | |
|-----|---|------------|-------------------|------------------------------|---------------|----------------|---------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | ① | ② | ④ | ③ | ⑥ | ⑦ | | | | | | | | | | | | | | |
| 1 | 2 | 4 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 46 | 50 | 54 | 56 | 60 | 64 | 65 | 66 | 70 | 75 | 80 |
| L,1 | | | | | | | | | | | | | | | | | | | | | |

Description (hierarchical)

| a | c | block code | line number | segment code | code of parent segment | model entity relationship code | key indicator | est. number of child/parent link | comment/procept/key length | | | | | | | | | | | | |
|-----|---|------------|-------------|--------------|------------------------|--------------------------------|---------------|----------------------------------|----------------------------|---|----|----|----|----|----|----|----|----|----|----|----|
| ② | | ① | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑩ | | | | | | | | | | | | |
| 1 | 2 | 4 | 10 | N | 13 | 17 | 21 | 27 | 28 | N | 33 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 69 | 75 | 80 |
| L,2 | | | | | | | | | | | | | | | | | | | | | |
| L,2 | | | | | | | | | | | | | | | | | | | | | |
| L,2 | | | | | | | | | | | | | | | | | | | | | |
| L,2 | | | | | | | | | | | | | | | | | | | | | |
| L,2 | | | | | | | | | | | | | | | | | | | | | |
| L,2 | | | | | | | | | | | | | | | | | | | | | |
| L,2 | | | | | | | | | | | | | | | | | | | | | |
| L,2 | | | | | | | | | | | | | | | | | | | | | |
| L,2 | | | | | | | | | | | | | | | | | | | | | |
| L,2 | | | | | | | | | | | | | | | | | | | | | |
| L,2 | | | | | | | | | | | | | | | | | | | | | |
| L,2 | | | | | | | | | | | | | | | | | | | | | |

DATABASE BLOCK (CODASYL)

Definition

| a | c | block code | name of the block | | | | | | | | | | | | | database block external name | type of block | external name of the schema | cif cards | front of block | back of block | | | |
|---|---|------------|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|------------------------------|---------------|-----------------------------|-----------|----------------|---------------|--|--|--|
| | | ① | ② | | | | | | | | | | | | | ④ | ③ | ⑤ | ⑥ | ⑦ | | | | |
| 1 | 2 | 4 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 46 | 50 | 54 | 56 | 60 | 64 | 65 | 66 | 70 | 75 | 80 | | | |
| | | L,1 | | | | | | | | | | | | | | | | | | | | | | |

Description (CODASYL)

| a | c | block code | line number | type | area or set code | owner segment code | member segment code | model entity relationship code | number of occurrences of sets | name of area, set or comment | | | | | | | | | | | |
|---|---|------------|-------------|------|------------------|--------------------|---------------------|--------------------------------|-------------------------------|------------------------------|---|----|----|----|----|----|----|----|----|----|--|
| | | ① | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ | | | | | | | | | | | |
| 1 | 2 | 4 | 10 | N | 13 | 14 | 20 | 24 | 28 | 34 | N | 39 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | |
| | | L,3 | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | |

DATABASE BLOCK (DB2)

Definition

| a | c | block code | name of the block | | | | | | | | | | | | | | database block external name | type of block | external name of the schema | | | cyl cards | |
|---|---|------------|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|------------------------------|---------------|-----------------------------|----|----|-----------|---|
| | | ① | ② | | | | | | | | | | | | | | ④ | ③ | ⑤ | | | ⑥ | ⑦ |
| 1 | 2 | 4 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 46 | 50 | 54 | 56 | 60 | 64 | 65 | 66 | 70 | 75 | 80 | | |
| | | L,1 | | | | | | | | | | | | | | | | | | | | | |

Description (DB2)

| a | c | block code | line number | type | DB2 table space | DB2 table or view | external name | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|------------|-------------|------|-----------------|-------------------|---------------|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|----|----|----|----|--|--|--|
| ② | | | ③ | ④ | ⑤ | ⑥ | ⑦ | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 4 | 10 | N | 13 | 14 | 20 | 24 | | | | | | | | | | | | | | | 60 | 65 | 70 | 75 | 80 | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DATABASE BLOCK (RELATIONAL-SQL)

Définition

| c | a | block code | name of the block | | | | | | | | | | | | | database block external name | type of block | external name of the schema | front of block | back of block | version number | | |
|---|---|------------|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|------------------------------|---------------|-----------------------------|----------------|---------------|----------------|--|--|
| 1 | 2 | 4 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 46 | 54 | 56 | 64 | 65 | 66 | 70 | 75 | 80 | | | | |
| | | ② | ③ | | | | | | | | | | | | | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | | |
| | | L,1 | | | | | | | | | | | | | | | | | | | | | |

Description

| c | a | block code | line number | structure code | type | external name (cont'd : 15 to 23) | segment code | type | mvt | fields 1, 6, 9, 14 (*) (1) (2) | fields 2, 7, 10, 15 (*) (1) (2) | fields 3, 8, 11, 16 (*) (1) (2) | fields 4, 12 (1) | fields 5, 13 (1) | | | | | | | | | | | | |
|---|---|------------|-------------|----------------|------|-----------------------------------|--------------|-------|-------|--------------------------------|---------------------------------|---------------------------------|------------------|------------------|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 4 | 9 | 10 | 13 | 14 | 15 | 32,33 | 36,37 | 40,41,42 | 43,44 | 49 | 50 | 51 | 56 | 57 | 58 | 63 | 64 | 65 | 70 | 71 | 72 | 77 | 78 | 80 |
| | | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ | ⑪ | ⑫ | ⑬ | ⑭ | ⑮ | ⑯ | ⑰ | ⑱ | ⑲ | ⑳ | ㉑ | ㉒ | | | | |
| | | L,4 | | N | | | | | | | | | | | | | | | | | | | | | | |
| | | L,4 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,4 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,4 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,4 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,4 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,4 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,4 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,4 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,4 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | L,4 | | | | | | | | | | | | | | | | | | | | | | | | |

DATABASE BLOCK (TurboIMAGE)

Definition

| c | a | block code | name of the block | | | | | | | | | | | | | database block external name | type of block | LRI cards | | | 70 | 75 | 80 |
|-----|---|------------|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|------------------------------|---------------|-----------|----|----|----|----|----|
| | | ① | ② | | | | | | | | | | | | | ④ | ③ | ⑥ | ⑦ | | | | |
| 1 | 2 | 4 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 46 | 50 | 54 | 56 | 64 | 65 | 66 | 70 | 75 | 80 | | | |
| L,1 | | | | | | | | | | | | | | | | | | | | | | | |

Description

| c | a | block code | line number | segment code | code of parent segment | type | capacity | set name or path | | | | | | | | | | item | item/sort | | |
|---|---|------------|-------------|--------------|------------------------|------|----------|------------------|----|---|----|----|----|----|----|----|----|------|-----------|----|----|
| | | ① | ③ | ⑤ | ⑦ | ④ | ⑨ | ⑩ | | | | | | | | | | ⑥ | ⑧ | | |
| 1 | 2 | 4 | 10 | N | 13 | 17 | 21 | 27 | 28 | N | 33 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 69 | 75 | 80 |
| | | L,2 | | | | | | | | | | | | | | | | | | | |
| | | L,2 | | | | | | | | | | | | | | | | | | | |
| | | L,2 | | | | | | | | | | | | | | | | | | | |
| | | L,2 | | | | | | | | | | | | | | | | | | | |
| | | L,2 | | | | | | | | | | | | | | | | | | | |
| | | L,2 | | | | | | | | | | | | | | | | | | | |
| | | L,2 | | | | | | | | | | | | | | | | | | | |
| | | L,2 | | | | | | | | | | | | | | | | | | | |
| | | L,2 | | | | | | | | | | | | | | | | | | | |
| | | L,2 | | | | | | | | | | | | | | | | | | | |
| | | L,2 | | | | | | | | | | | | | | | | | | | |
| | | L,2 | | | | | | | | | | | | | | | | | | | |

SPECIFIC PROCEDURES

Screen Code

or

Program code

| | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|
| H | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|

②

| | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|
| 0 | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|

②

Procedural Code

| c | a | procedure | | | | structure | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---------------|--------------|-------------|----------|-----------|----|----|----|----|----|----|----|---|----|----|-------|------|-------------------------|----|----|----|----|--|--|--|--|--|
| | | function code | sub-function | line number | operator | operands | | | | | | | | | | | level | type | condition for execution | | | | | | | | | |
| ⑥ | ③ | ⑦ | ⑧ | ⑨ | ⑩ | | | | | | | | | | | ⑪ | ⑫ | ⑬ | | | | | | | | | | |
| 1 | 2 | 3 | 5 | 7 | P | 10 | 13 | 20 | 25 | 30 | 35 | 40 | 45 | P | 47 | 49 | 55 | 60 | 65 | 70 | 75 | 77 | 80 | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Work areas

| c | a | code for COBOL placement | line number | Continuation | section name | | work area description | | | | | | | | | | | | | | table size (OCCURS clause) | | | |
|---|---|--------------------------|-------------|--------------|--------------|---------|-----------------------|---------|----|-----------|----|---------------|----|---------------|----|---------------|----|---------------|----|-------|----------------------------|---|----|--|
| | | | | | level number | | | | | | | | | | | | | | | | | | | |
| ③ | | ② | ④ | ⑤ | ⑥ | | ⑦ | | | | | | | | | | | | | | ⑧ | | | |
| 1 | 2 | 5 | PN | 7 | PN | 10 | 11 | 15 | 20 | 25 | 28 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 77 | N | 80 | |
| 7 | | | | | | F S D | | B B | | S E L | | F O R M | | D E S C | | I N I V | | O R I G | | S S | | | | |
| 7 | | | | | | R N V | | S P | | S B | | F | | V | | R E D | | | | S S | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | |

PROGRAM

Program code

| | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|
| 0 | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|

②

Definition

| c a | | program code | code for sequence of generation | program name | type of COBOL | COB. num/ig | SOL ind. gen. | link pgm/obj | COBOL program-ID | mode prmtg | pgm type | type presence va | pgm class cd | | | |
|-----|---|--------------|---------------------------------|--------------|---------------|-------------|---------------|--------------|------------------|------------|----------|------------------|--------------|----|----|----|
| | | ① | ③ | ② | ④ | ⑤ | ⑬ | ⑥ | ⑧ | ⑨ | ⑩ | ⑫ | ⑪ | | | |
| 1 | 2 | 7 | 13 | 19 | 49 | 50 | 51 | 54 | 55 | 56 | 57 | 65 | 66 | 67 | 68 | 80 |
| 0 | | | | | | | | | | | | | | | | |

Program call of data structures

| c a | | d.s. code in pgm | d.s. code in lib | external name of the file | organization | access mode | rec. mode | file type-I/O | unit type | block size | blk unit type | status field | | | indexed data structure access key | num.ctl.blk | file marshing | usage of ds | code of record type element | resulting file ds code | source/error ds code | trans.ctl.blk | physical unit type | comp. unit | sort key/seg select/report codes | in-p ds format | res. err. code | rec type/size | lev. num./COB | code for COBOL placement | count of ds descr. | | |
|-----|---|------------------|------------------|---------------------------|--------------|-------------|-----------|---------------|-----------|------------|---------------|--------------|-------|--------------|-----------------------------------|-------------|---------------|-------------|-----------------------------|------------------------|----------------------|---------------|--------------------|------------|----------------------------------|----------------|----------------|---------------|---------------|--------------------------|--------------------|--|--|
| | | ③ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ | ⑪ | ⑫ | ⑬ | DS | segm. | data element | ⑲ | ⑭ | ⑮ | ⑯ | ⑳ | ㉑ | ㉒ | ㉓ | ㉔ | ㉕ | ㉖ | ㉗ | ㉘ | ㉙ | ㉚ | ㉛ | | | |
| 1 | 2 | 3 | 5 | 7 | 13 | 14 | 15 | 16 | 17 | 18 | N | 23 | 24 | | 34 | 40 | 41 | 42 | 43 | 49 | 51 | 53 | 59 | 63 | 64 | 73 | 74 | 75 | 76 | 77 | 79 | | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

COBOL SOURCE

| | |
|---|---|
| 0 | c |
|---|---|

① Program code

COBOL source (program)

| c | a | function code | sub-function code | line number | operator | col 8 | col 12 | COBOL instruction | | | | | | | | | | | |
|---|---|---------------|-------------------|-------------|----------|-------|--------|-------------------|----|----|----|----|----|----|----|----|----|----|----|
| ③ | | ② | ④ | ⑤ | ⑥ | ⑦ | | ⑤ | | | | | | | | | | | |
| 1 | 2 | 4 | 6 | 8 | 11 | 14 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 |
| | | FC | | | | | | | | | | | | | | | | | |
| | | FC | | | | | | | | | | | | | | | | | |
| | | FC | | | | | | | | | | | | | | | | | |
| | | FC | | | | | | | | | | | | | | | | | |
| | | FC | | | | | | | | | | | | | | | | | |

Pure COBOL (program)

| c | a | line number | cont. (col.7) | col. 8 | col. 12 | Instruction COBOL | end of COBOL line | | | | | | | | | | | | | |
|---|---|-------------|---------------|--------|---------|-------------------|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| ② | | ③ | ④ | | | ⑤ | ⑥ | | | | | | | | | | | | | |
| 1 | 2 | 3 | 5 | 9 | 10 | 14 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 77 | 80 |
| | | 9 | | | | | | | | | | | | | | | | | | |
| | | 9 | | | | | | | | | | | | | | | | | | |
| | | 9 | | | | | | | | | | | | | | | | | | |
| | | 9 | | | | | | | | | | | | | | | | | | |
| | | 9 | | | | | | | | | | | | | | | | | | |

USER MANUAL

Definition

| a | c | user manual code | name of user manual | | | | | | | | | | frame option | pg. numbering opt. |
|---|---|------------------|---------------------|----|----|----|----|----|----|----|----|----|--------------|--------------------|
| | | ① | ② | | | | | | | | | | ③ | ④ |
| 1 | 2 | 3 | 5 | 28 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 75 | 76 | |
| U | | | | | | | | | | | | | | |

Description

| a | c | user manual code | chap. code | sub-chap. code | type of entity | entity code | format type choice code d. e. disp. | address of data element | error type | text | | chapter or subchapter name | first program with error messages | second program with error messages | continuation | | | | | | | | | |
|---|---|------------------|------------|----------------|----------------|-------------|-------------------------------------|-------------------------|------------|------|----|----------------------------|-----------------------------------|------------------------------------|--------------|----|----|----|----|----|----|----|----|----|
| | | ① | ③ | ④ | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ | ⑪ | ⑫ | ⑬ | ⑭ | ⑮ | ⑯ | ⑰ | | | | | | | | |
| 1 | 2 | 3 | 5 | 7 | 9 | 10 | 16 | 17 | 18 | 19 | 22 | 23 | 26 | 28 | 35 | 40 | 45 | 50 | 55 | 60 | 63 | 69 | 75 | 79 |
| U | | | | | | | | | N | | | | | | | | | | | | | | | |
| U | | | | | | | | | | | | | | | | | | | | | | | | |
| U | | | | | | | | | | | | | | | | | | | | | | | | |
| U | | | | | | | | | | | | | | | | | | | | | | | | |
| U | | | | | | | | | | | | | | | | | | | | | | | | |
| U | | | | | | | | | | | | | | | | | | | | | | | | |
| U | | | | | | | | | | | | | | | | | | | | | | | | |
| U | | | | | | | | | | | | | | | | | | | | | | | | |
| U | | | | | | | | | | | | | | | | | | | | | | | | |
| U | | | | | | | | | | | | | | | | | | | | | | | | |
| U | | | | | | | | | | | | | | | | | | | | | | | | |
| U | | | | | | | | | | | | | | | | | | | | | | | | |
| U | | | | | | | | | | | | | | | | | | | | | | | | |

REPORT

Definition

| a | c | volume code | volume name | type of volume | title page opt. | TOC | index table code | report code for print layout | report code for fonttype | specific layout code | eng. mode | | | | | | | | | | |
|---|---|-------------|-------------|----------------|-----------------|-----|------------------|------------------------------|--------------------------|----------------------|-----------|----|----|----|----|----|----|----|----|----|----|
| | | ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑩ | ⑨ | ⑪ | | | | | | | | | |
| 1 | 2 | 4 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 46 | 47 | 48 | 49 | 50 | 56 | 60 | 65 | 70 | 75 | 80 |
| | | W1 | | | | | | | | | | | | | | | | | | | |

Description

| a | c | volume code | lev. 1 code | lev. 2 code | line number | type select. | sect. level | page break-line sup. | line underlining | print window | alignment option | title, comments, options, font, selection | | | | | | | | | | | |
|---|---|-------------|-------------|-------------|-------------|--------------|-------------|----------------------|------------------|--------------|------------------|---|----|----|----|----|----|----|----|----|----|----|----|
| | | ① | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ | ⑪ | | | | | | | | | | | | |
| 1 | 2 | 4 | 10 | 12 | 14 | N | 17 | 18 | 19 | 20 | 23 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 68 | 70 | 75 | 80 |
| | | W2 | | | | | | | | | | | | | | | | | | | | | |
| | | W2 | | | | | | | | | | | | | | | | | | | | | |
| | | W2 | | | | | | | | | | | | | | | | | | | | | |
| | | W2 | | | | | | | | | | | | | | | | | | | | | |
| | | W2 | | | | | | | | | | | | | | | | | | | | | |
| | | W2 | | | | | | | | | | | | | | | | | | | | | |
| | | W2 | | | | | | | | | | | | | | | | | | | | | |
| | | W2 | | | | | | | | | | | | | | | | | | | | | |
| | | W2 | | | | | | | | | | | | | | | | | | | | | |
| | | W2 | | | | | | | | | | | | | | | | | | | | | |
| | | W2 | | | | | | | | | | | | | | | | | | | | | |
| | | W2 | | | | | | | | | | | | | | | | | | | | | |

PARAMETERIZED INPUT AIDS

Definition

| a | c | P.I.A. code | P.I.A. name | type |
|-----|---|-------------|--|---|
| | | ① | ② | ③ |
| 1 | 2 | 4 | 10 15 20 25 30 35 40 45 | 46 47 50 55 60 65 70 75 80 |
| V,1 | | | | |

Description

| a | c | P.I.A. code | line number | type of PIA line | label | initial value | length of parameter (maximum) | cross-reference (P.I.A. calls) | gen of line option |
|-----|---|-------------|-------------|------------------|---|---------------|-------------------------------|--------------------------------|--------------------|
| ② | | ① | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ |
| 1 | 2 | 4 | 10 | N | 13 14 20 25 30 34 40 45 50 55 60 | 63 | N | 66 70 72 | 73 75 80 |
| V,2 | | | | | | | | | |
| V,2 | | | | | | | | | |
| V,2 | | | | | | | | | |
| V,2 | | | | | | | | | |
| V,2 | | | | | | | | | |
| V,2 | | | | | | | | | |
| V,2 | | | | | | | | | |
| V,2 | | | | | | | | | |
| V,2 | | | | | | | | | |
| V,2 | | | | | | | | | |
| V,2 | | | | | | | | | |
| V,2 | | | | | | | | | |
| V,2 | | | | | | | | | |
| V,2 | | | | | | | | | |

REPORT DESCRIPTION

General characteristics (top)

| a | c | report code | line number | type | line length (max) | write option | lines per page | no. of instances in category table | section priority | comments | conditions of report execution |
|---|---|-------------|-------------|------|-------------------|--------------|----------------|------------------------------------|------------------|----------|----------------------------------|
| ② | | ① | | | ③ | ⑥ | ④ | ⑤ | ⑦ | ⑧ | ⑨ |
| 1 | 2 | 3 | 8 | 11 | 15 N | 18 | 24 | 25 N | 27 N | 31 | 33 35 40 48 50 55 60 65 70 75 80 |
| 5 | | | 0,0,0 | E | | | | | | | |
| 5 | | | | E | | | | | | | |

List of categories (body)

| a | c | report code | category of report | line number | type | line-pt | totaling line indicator | structure number | constant part number | skip | perform prior to print | comments | conditions of report execution | |
|---|---|-------------|--------------------|-------------|------|---------|-------------------------|------------------|----------------------|------|------------------------|----------|--------------------------------|----------------------------|
| ② | | ① | ③ | ④ | | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ | ⑪ | ⑫ | ⑬ |
| 1 | 2 | 3 | 8 | 8 N | 14 | 15 | 18 N | 20 N | 22 N | 24 | 27 | 29 | 33 | 40 48 50 55 60 65 70 75 80 |
| 5 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
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| 5 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |

REPORT: CALL OF ELEMENTS

| a | c | report code | | structure number | starting address (col. number) | cont. line number | data element code | continues of cond. or source | picture: output format | operation on source field | source field | | | | condition | | | | | | | | | | | | | |
|-----|-----|-------------|------------|------------------|--------------------------------|-------------------|-------------------|------------------------------|---------------------------|---------------------------|--------------|------|------|------|-----------|-----------|------------|-------------------|-----------|---|----|----|----|----|----|----|----|--|
| | | d.s. code | last char. | | | | | | | | 1 | 2 | 3 | last | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | d.s. code | segm. code | data element code | subscript | | | | | | | | | |
| (2) | (1) | (3) | (6) | (5) | (4) | (7) | (15) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 6 | N | 8 | N | 11 | 12 | | 18 | 19 | 20 | 34 | 35 | 36 | 38 | 40 | | 46 | P | 49 | 55 | 60 | 65 | 70 | 75 | 80 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USER ENTITY OCCURRENCE: DEFINITION

Definition

| a | c | u.e. type code | user entity occurrence code | user entity occurrence name | | | | | | | | | | | continuation |
|----|---|----------------------|-----------------------------------|-----------------------------|----|----|----|----|----|----|----|--|--|----|--------------|
| | | ⑥ | ① | ② | | | | | | | | | | | |
| 1 | 2 | 4 | 6 | 12 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | | | 80 | |
| Y3 | | | | | | | | | | | | | | | |

Definition (continuation)

| a | c | u.e. type code | user entity occurrence code | user entity occurrence definition line (screen top entities) | | | | | | | | | | | | | | continuation | |
|----|---|----------------------|-----------------------------------|--|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------|----|
| | | ⑥ | ① | ③ | | | | | | | | | | | | | | | |
| 1 | 2 | 4 | 6 | 12 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 78 | 80 |
| Y3 | | | | | | | | | | | | | | | | | | | * |
| Y3 | | | | | | | | | | | | | | | | | | | * |
| Y3 | | | | | | | | | | | | | | | | | | | * |
| Y3 | | | | | | | | | | | | | | | | | | | * |
| Y3 | | | | | | | | | | | | | | | | | | | * |
| Y3 | | | | | | | | | | | | | | | | | | | * |
| Y3 | | | | | | | | | | | | | | | | | | | * |
| Y3 | | | | | | | | | | | | | | | | | | | * |
| Y3 | | | | | | | | | | | | | | | | | | | * |
| Y3 | | | | | | | | | | | | | | | | | | | * |
| Y3 | | | | | | | | | | | | | | | | | | | * |
| Y3 | | | | | | | | | | | | | | | | | | | * |

CALL OF PARAMETERIZED INPUT AIDS

General Documentation

| a | c | entity to document | | | | type of line | first part | second part | comment | | | | | | | | | | | | | |
|---|---|--------------------|-------------|-----------------|----------|--------------|------------|-------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | entity type | entity code | entity line no. | line no. | | | | | | | | | | | | | | | | | |
| 1 | 2 | 4 | 6 | 8 | 12 | N | 15 | N | 18 | 19 | 25 | 30 | 35 | 39 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 |
| ① | | ⑥ | | ⑦ | | ⑧ | | ② | | ③ | | ④ | | | | ⑤ | | | | | | |
| V | 3 | | | | | | | | | | | | | | | | | | | | | |
| V | 3 | | | | | | | | | | | | | | | | | | | | | |
| V | 3 | | | | | | | | | | | | | | | | | | | | | |
| V | 3 | | | | | | | | | | | | | | | | | | | | | |
| V | 3 | | | | | | | | | | | | | | | | | | | | | |
| V | 3 | | | | | | | | | | | | | | | | | | | | | |
| V | 3 | | | | | | | | | | | | | | | | | | | | | |

P.I.A.'s Called

| a | c | line no. | parameters for input values-no delimiters |
|---|---|----------|---|
| 1 | 2 | 4 | 6 |
| V | Z | | |
| V | Z | | |
| V | Z | | |
| V | Z | | |
| V | Z | | |
| V | Z | | |
| V | Z | | |

UPDATE OF USER PARAMETERS

User Codes Updating

| a | c | user code | line number | user password | glob. auth. level | PARM auth. | glob. auth. for proc. | user name | comments | | | | | | | | | |
|---|---|-----------|-------------|---------------|-------------------|------------|-----------------------|-----------|----------|----|----|----|----|----|----|----|----|----|
| ① | | ② | | ③ | ⑥ | ⑦ | ⑧ | ④ | ⑤ | | | | | | | | | |
| 1 | 2 | 4 | 11 12 | 15 | 23 | 24 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 |
| | | NU | | 000 | | | | | | | | | | | | | | |
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User code (specific auth.)

| a | c | user code | line No. | database code | library selection | | | | | | | | | | | | | | | auth. lev. for base | auth. lev. for proc. | | | | | | | | | | | | | | | | |
|---|---|-----------|----------|---------------|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------------------|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | | | | | | | | | | | | | | | | | |
| | | ① | ② | ③ | ④ | ⑤ | ④ | ⑤ | ④ | ⑤ | ④ | ⑤ | ④ | ⑤ | ④ | ⑤ | ④ | ⑤ | ④ | ⑤ | ④ | ⑤ | ④ | ⑤ | ④ | ⑤ | ④ | ⑤ | ④ | ⑤ | ④ | ⑤ | ④ | ⑤ | ④ | ⑤ | |
| 1 | 2 | 4 | 12 | 15 | 19 | 23 | 27 | 31 | 35 | 39 | 43 | 47 | 51 | 55 | 59 | 63 | 67 | 71 | 75 | 79 | | | | | | | | | | | | | | | | | |
| | | NU | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

UPDATE OF USER PARAMETERS

Optional Control Cards Updating

| a | c | 1 | 2 | 4 | 5 | 6 | 8 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | parameters | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|------------|---|---|---|---|--------------------|---|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 3 | 4 | 5 | insert. ref. char. | | | | | | | | | | | | | | | | | | | |
| optional control card image | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ⑦ | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | ⑧ | ⑨ | ⑩ | ⑪ | ⑫ | ⑬ | | | | | | | | | | | | | | | | | | |
| NC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Standard Error Messages Updating

| a | c | 1 | 2 | 4 | 5 | 6 | 7 | 15 | 20 | 25 | 30 | 35 | 38 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | |
|-----------|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------------|
| | | | | | | | | | | | | | | | | | | | | | | | language indic. |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | ① | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | ② | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | | | | | | | | | | | |

Text Types Updating

| a | c | 1 | 2 | 4 | 5 | 7 | 15 | 20 | 22 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | |
|-----------|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------------|
| | | | | | | | | | | | | | | | | | | | | | | language indic. |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | ① | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| NT | | | | | | | | | | | | | | | | | | | | | | |

Special characters

| a | c | 1 | 2 | 4 | 5 | 7 | 15 | 20 | 22 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | |
|-----------|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------------|
| | | | | | | | | | | | | | | | | | | | | | | special char. |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | ① | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | | | |

TABLE UPDATE

PACTABLE User Identification

| a | c | PACTABLE user code | PACTABLE password | |
|---|-----|--------------------|-------------------|--|
| ① | | ② | ③ | |
| 1 | 2 3 | | 11 | |
| | * | | | |

Table Identification

| a | c | table code | table historical account data | | | | sub-system # | delim. or print opt. | end of selection | | | |
|---|---|------------|-------------------------------|----|----|----|--------------|----------------------|------------------|----|----|----|
| | | | MM | DD | YY | | | | MM | DD | YY | |
| ① | | ② | ③ | | | | ④ | ⑤ | ⑦ | | | |
| 1 | 3 | | 9 | | | 16 | 17 | | | | | 80 |
| | A | | | | | | | | | | | |

Data of a table

| a | c | cont of data | data of the table (separated by delimiter) | |
|---|-------|--------------|--|----|
| ① | | ② | ③ | |
| 1 | 2 3 4 | | | 80 |
| | V | | | |
| | V | | | |
| | V | | | |
| | V | | | |
| | V | | | |
| | V | | | |
| | V | | | 31 |

PACTABLE USER PARAMETER UPDATE

User code update

| a | PACTABLE user code | batch code identifier | PACTABLE password | access auth. | | | | | | | | | | | | | | | | |
|---|--------------------|-----------------------|-------------------|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|
| ① | ② | ③ | ④ | ⑤ | | | | | | | | | | | | | | | | |
| 1 | 2 | 10 | 12 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | | | |
| | | T | | | | | | | | | | | | | | | | | | |

Table access authorization

| a | PACTABLE user code | batch code identifier | table code | line number | table access authorization - up to 20 repetitions sub-schema number/sub-system number/specific authorizations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------|-----------------------|------------|-------------|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | | | | | | | | | | |
| ① | ② | ③ | ④ | ⑤ | 6 | 7 | 8 | 6 | 7 | 8 | 6 | 7 | 8 | 6 | 7 | 8 | 6 | 7 | 8 | 6 | 7 | 8 | 6 | 7 | 8 | 6 | 7 | 8 | 6 | 7 | 8 | 6 | 7 | 8 |
| 1 | 2 | 10 | 12 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 45 | 48 | 51 | 54 | 57 | 60 | 63 | 65 | 69 | 72 | 75 | 78 | | | | | | | | | | |
| | | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Table control cards

| a | PACTABLE user code | batch code identifier | line number for the JCL | Contents of the JCL line | | | | | | | | | | | | | | | | |
|---|--------------------|-----------------------|-------------------------|--------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|
| ① | ② | ③ | ④ | ⑤ | | | | | | | | | | | | | | | | |
| 1 | 2 | 10 | 12 | 18 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | | | |
| | | T | | | | | | | | | | | | | | | | | | |

TABLE GENERATION AND PRINTING

Generation and printing request

| a | c | table generation printing request | table entity code | table description expiration date | | | date associated with table description | | | table format type | type of selection | | | | | | | | | | | | |
|---|---|-----------------------------------|-------------------|-----------------------------------|----|----|--|----|----|-------------------|-------------------|----|----|----|----|----|----|----|----|----|----|--|--|
| | | | | MM | DD | YY | MM | DD | YY | | | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | | |
| | | ② | ③ | ⑤ | | | ⑥ | | | ⑦ | ⑧ | | | | | | | | | | | | |
| 1 | 2 | 5 | 9 | 17 | | | 23 | | | 29 | 30 | | | | | | | | | | | | |
| Z | | | | | | | | | | | | | | | | | | | | | | | |
| Z | | | | | | | | | | | | | | | | | | | | | | | |
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| Z | | | | | | | | | | | | | | | | | | | | | | | |

TABLE SUB-SCHEMAS AND SUB-SYSTEMS

Sub-schemas and Sub-systems

| a | c | d.s. code | segment code for table record | type of s-s | num. of s-s | sub-schema/sub-system clear name | | | | | | | | | | max. num. of items | | | | | | | | |
|---|---|-----------|-------------------------------|-------------|-------------|----------------------------------|----|----|----|----|----|----|----|----|----|--------------------|----|----|----|----|----|----|----|----|
| | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | | ① | ② | ③ | ④ | ⑤ | | | | | | | | | | ⑥ | | | | | | | | |
| | | 4 | 6 | 8 | N | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 44 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | | | |
| | | 21 | | | | | | | | | | | | | | | | | | | | | | |
| | | 21 | | | | | | | | | | | | | | | | | | | | | | |
| | | 21 | | | | | | | | | | | | | | | | | | | | | | |
| | | 21 | | | | | | | | | | | | | | | | | | | | | | |
| | | 21 | | | | | | | | | | | | | | | | | | | | | | |
| | | 21 | | | | | | | | | | | | | | | | | | | | | | |
| | | 21 | | | | | | | | | | | | | | | | | | | | | | |
| | | 21 | | | | | | | | | | | | | | | | | | | | | | |
| | | 21 | | | | | | | | | | | | | | | | | | | | | | |
| | | 21 | | | | | | | | | | | | | | | | | | | | | | |
| | | 21 | | | | | | | | | | | | | | | | | | | | | | |