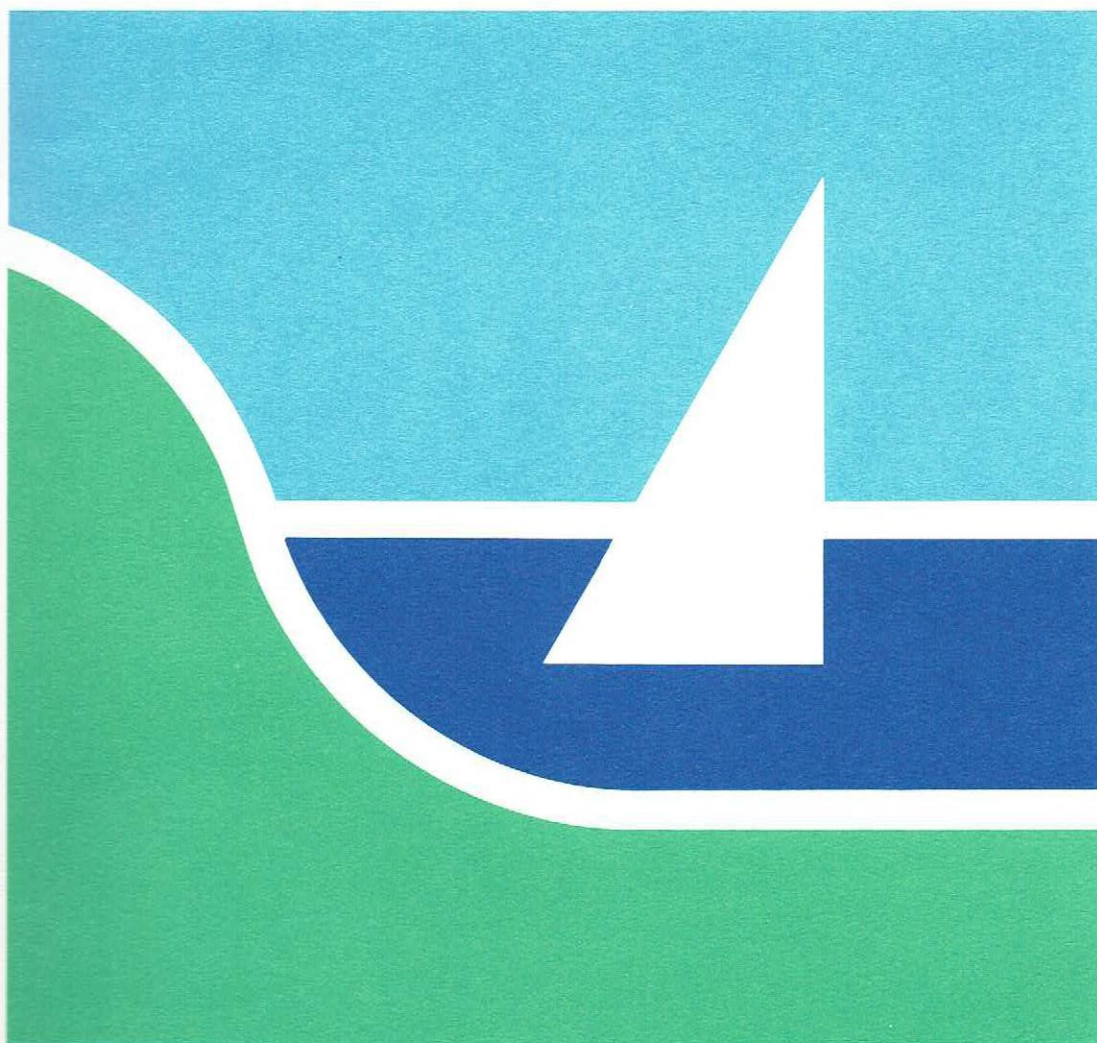


supermax

Supermax DCA System Administration
August 30, 1993

Varenr.: 94331331



Supermax DCA

System administration

August 30. 1993

Stock no. 94331331



Introduction

DCA which is an abbreviation for Document Content Architecture is a standard describing a format for exchanging documents between different text processing systems.

Supermax DCA supports conversion between DCA Revisable Form Text and Supermax Text (or pure ascii) format. Pure ascii format can be viewed as a subset of Supermax Text format.



Converting from DCA to ASCII

NAME

dca2st - Convert and copy a file from DCA Revisable Form Text-format to an ASCII-based text-file-format.

SYNOPSIS

```
/alib/dca/dca2st [options]
/alib/dca/run.dca2st filename
/alib/dca/run.dca2a filename
```

DESCRIPTION

Dca2st reads standard input and writes to standard output converting DCA-RFT to Supermax Text or ascii format.

The text-parameters are converted to ASCII (ISO/DIS 8859/1).

dca2st uses the following options:

- a Output file is a pure text-file, no Supermax Text specific information
- c All information from the DCA-file is represented in the output-file as comments (..KO in start of each line).

The following DCA-commands are supported:

- The text contents.
- Required linefeeds.
- Required page end.
- Some center commands.
- Margins and tab-positions.
- Indented tabs.

Converted to Supermax Text:

- Tabs are expanded to no break spaces.
- Underscore and boldface.
- Font Width
- Line spacing
- Left and Right margins
- Tab stops
- Required Hyphen
- Required linefeeds are converted to end of paragraph characters

run.dca2st and run.dca2st are scripts calling dca2st.



`run.dca2st` converts the DCA/RFT file named `filename.rft` to a file named `filename.T` in SupermaxTekst format.

`run.dca2a` converts the DCA/RFT file named `filename.rft` to a pure ASCII-file named `filename`.

For a detailed description of the DCA/RFT-format see: IBM's "Document Content Architecture: Revisable - Form - Text, SC23-0758.

DIAGNOSTICS

Errors and warnings are reported on standard error

SEE ALSO

`st2dca`

FILES

`/alib/dca/dca2st`

`/alib/dca/dca2-1`

`/alib/dca/dca2-2`

`/alib/convert/tab` Conversion tables



Converting from ASCII to DCA

NAME

st2dca - Convert and copy an ASCII-based text-file to DCA Revisable Form Text-format.

SYNOPSIS

```
/alib/dca/st2dca [options]  
/alib/dca/run.a2dca filename  
/alib/dca/run.st2dca filename
```

DESCRIPTION

st2dca copies standard input to standard output with conversions. The output file complies with IBM's Document Content Architecture Revisable - Form - Text.

If the input file is a Supermax Text file, a part of the Supermax Text formatting-codes are converted to the corresponding DCA-codes. The supported Supermax Text facilities are:

- End of paragraph characters
- Left and Right margins
- Tab stops
- Character spacing
- Line spacing
- Hyphens
- Semi-graphics are converted to '*'
- Underscore and Boldface text

If the input is a pure text-file, the format-parameters are set to some default values:

- tab-positions in every 8'th position (8, 16, ..).
- Paper width: 12244/1440" 8.5".
- Paper length: 15840/1440" = 11"
- Top margin: 1680/1440" 1.16" (From top edge of paper)
- Bottom margin: 14400/1440" = 10" (From top edge of paper)
- Left margin: 1440/1440" = 1" (From left edge of paper)
- Right margin: Character position 74.
- EBCDIC alphabeth: IBM: GCSGID 103/256,
- Font: Courier 10

The text is converted from ASCII to IBM's EBCDIC-version named



GCSGID= 337/110, CPGID= 256.

If `st2dca` is called with a `-d` option all unsupported Supermax Text .. commands are inserted into the resulting DCA text as pure text. If this behaviour is wanted as default the environment `DCA_SHOWDOT` may be set to achieve this.

`run.a2dca` and `run.st2dca` are scripts calling `st2dca`.

`run.a2dca` converts the the pure ASCII-file named `filename` to the DCA/RFT file named `filename.rft`.

`run.st2dca` converts the the Supermax Text file named `filename.T` to the DCA/RFT file named `filename.rft`

DIAGNOSTICS

Errors and warnings are reported on standard error.

SEE ALSO

`dca2st`

FILES

`/alib/dca/st2dca`

`/alib/convert/tab` Conversion tables



Dansk Data Elektronik A/S
Herlev Hovedgade 199
DK 2730 Herlev
Tel.: (+45) 42 84 50 11
Fax: (+45) 42 84 52 20