

DATA SHEET

IFG (BS2000/OSD)

Version 8.3

Interactive Format Generator

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The Interactive FormatGenerator (IFG) enables developers to create screenformats (masks) in interactive mode at a data display terminal.

Product Characteristic

“Interactive” means the step-by-step generation or modification of a format (screen layout) directly on the screen, with the help of prompts from the IFG. Its user-friendly guidance continues right through to the point where the finished format is stored in a format library. Depending on the developer’s level of familiarity with the system, they can dispense with some or all of the user prompts. The IFG can create formats for application programs which use the BS2000 Format Handling System (FHS). In order to facilitate the programming of FHS application programs, IFG can generate addressing aids for the following languages: Assembler, COBOL, RPG, Pascal, C, FORTRAN, PL/I and DRIVE. IFG itself is an application program which runs in interactive mode and uses the FHS for its user interface.

Functional Description

- Generation and maintenance of Alpha Style Guide compliant masks and dialog elements (menus, lists, selection fields)
- Definition of formats (screen layouts) with positions which correspond exactly to their subsequent use under FHS
- Modification of formats and format structures
- Allocation or modification of standard attributes, which can be described in a customer-specific user profile
- Generation of addressing aids (assignment of field names and associated data definitions) for Assembler, COBOL, RPG, PL/I, Pascal, C, FORTRAN and DRIVE.

- Generation of formats for use in applications which utilize variables as transport media
- Conversion for FHS-DOORS during format preparation
- Definition of formats for data display terminals, as described under technical data.
- Definition for formats for terminal printers, as described under technical data.
- Deletion of formats
- Copy formats, with subsequent update option
- Merge existing formats into a new overall format
- Support for PLAM libraries
- Edit functions: Definition of data editing and checking functions for subsequent control of application programs by FHS
- Generation of partial formats
- Display and optional printout of completed formats, together with their display characteristics
- Generation of formats
- Screen-based user prompts in English or German, HELP functions
- Support for 8-bit terminals (ISO 8859-based character sets)
- Support of RSO-printers for openUTM applications

Changes since the preceding version V8.1

- Support of Unicode

TECHNICAL DETAILS

IFG V8.3

Technical requirements

Hardware

BS2000/OSD server.

Memory requirements:

about. 4,4 MByte address space

about 5.2 MByte disk space

Format definitions for display terminals:

8161 (not for Dialog Variables)

8162 (not for Dialog Variables)

8160

9748

9749

9750

9751

9752

9753

9754

9755

9756

9756-12x

9758

9759

9762

9763 Black/White

9763 Color

9758 8-Bit

9763 8-Bit

For 8-Bit masks a 8-Bit Terminal is required.

Format definitions for terminal printers:

3287

4810-P10

9001-8931/832 (9001-893 for FHS-ASS)

9001-31/32 (9001-31 for FHS-ASS)

9001-xxx

9002

9003

9004

9011-18/28

9011-19/29

9011-10/20

9012

9013

9014-11/15/16 (only ECMA-Emulation)

9021-2

9022-200/200U

9022 (not 9022-300/300U)

9025

9097-10/20

RSO-Printer (for OpenUTM applications)

Technical requirements for software

BS2000/OSD V6.0B or later

FHS (BS2000/OSD) as of V8.3A

User interface

English und German, others on request.

Installation

By the customer on the basis of the release notice

Documentation

The documentation is available as online manuals, see <http://manuals.ts.fujitsu.com/mainframes.html>, or in printed form which must be paid for and ordered separately at

<http://manuals.ts.fujitsu.com>

Demands on the user

BS2000 knowledge

Training

See course offer at:

<http://training-mediaserver.ts.fujitsu.com/elearningmedia/catalog>

Conditions

This software product is supplied to the customer under the conditions for the use of software products against instalments or a single payment

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