

Index

- A**
- architectural compatibility 9
 - ASCII translations 59
 - attachmate
 - under CMS 78
 - under OS/390 95
- C**
- carriage control characters
 - OpenVMS to HP-UX file transport 137
 - transport files, transferring 104
 - troubleshooting 104
 - under OpenVMS 82
 - catalog entries, transporting 48
 - catalog file open function 107
 - catalog naming conventions, CMS 78
 - CATALOG= parameter 108
 - CATALOG type members
 - importing with transport files 41, 42, 43
 - transport files, creating 28, 29
 - catalogs
 - cross-version environments 63
 - importing with transport files 42, 43
 - migrating from VAX to Alpha environment 84
 - naming conventions under CMS 78
 - transport files, creating 28, 29
 - V6 versus V8 regression 51
 - CEDA (cross-environment data access) 65
 - advantages of 66
 - creating V8 member types 65
 - description 66
 - FAT files, accessing 71
 - host format values 69
 - licensing 65
 - limitations of 67
 - member types supported by 66
 - OUTREP= option, DATA step 68
 - OUTREP= option, LIBNAME statement 68
 - reading V8 member types 65
 - SAS files, accessing 4
 - SHORTFILEEXT option 71
 - transport files, creating and importing 18
 - universal headers 66
 - V8 hosts supported 65
 - CEDA files
 - accessing 69
 - creating in non-native format 67
 - long filenames 71
 - reading 69
 - transferring with FTP utility 35
 - updating 70
 - character translations 59
 - between incompatible hosts 119, 122
 - SAS/SHARE servers 59
 - table of defaults 59
 - under CMS 77
 - under OS/390 94
 - CIMPORT procedure 16
 - benefits of 17
 - destination member type compatibility 41
 - limitations of 17
 - OS/390 to Windows NT file transport 144
 - transport files, importing 38, 41
 - transport format 20
 - client hosts 57
 - client/server requirements 56
 - CMS operating environment 75
 - attachmate 78
 - catalog naming convention 78
 - character translation 77
 - error messages 78
 - Extra for Windows 78
 - FTP 77
 - SAS release, determining 75
 - transport file attributes, listing 75
 - transport file attributes, specifying 76
 - transport files, creating 76
 - transport files, importing 76
 - transport files, transferring across networks 77
 - compatibility across host architecture 9
 - compatibility across SAS releases 10
 - connecting local and remote sessions 46
 - CONTENTS procedure 126
 - COPY procedure
 - OpenVMS to HP-UX file transport 134, 139
 - OS/390 JCL batch to UNIX file transport 152, 155
 - transport files, creating 26
 - transport files, importing 40
 - CPORT procedure 16
 - benefits of 17
 - creating transport files, template for 24
 - destination member type compatibility 41
 - limitations of 17
 - migrating from VAX to Alpha environment 84
 - OS/390 to Windows NT file transport 141, 146
 - OS/390 TSO to UNIX file transport 146
 - transport files, creating 27, 28
 - transport format 20
 - cross-environment data access
 - See CEDA (cross-environment data access)
- D**
- DATA member type
 - creating in non-native format 19
 - importing with transport files 40
 - transport files, creating 26
 - data set names, truncating 19
 - data sets 23
 - creating, example 26
 - cross-version environments 62
 - importing with transport files 40, 41
 - migrating from VAX to Alpha environment 84
 - transport files, creating 26, 27
 - transporting 47
 - DATA step views 63
 - DATA step, creating transport files 26
 - DBMS files (third party), transporting 11
 - documentation 6
 - downloading SAS files 45
- E**
- EBCDIC translations 59
 - encrypted data 91
 - entry type not compatible 109
 - entry type not supported 108
 - error messages 106
 - under CMS 78
 - under OpenVMS 85
 - under OS/2 91
 - under Windows 91
 - external files, methods for accessing/moving 56, 129
 - Extra for Windows
 - under CMS 78
 - under OS/390 95

F

- FAT files
 - accessing 71
 - under OS/2 90
 - under Windows 90
- file corruption 109
- filename extensions, interpreting 18
- FILENAME statement 31
- files, external 55
- files, remote 55
- FTP utility, transferring files with
 - CEDA files 35
 - specifying transport file attributes 32
 - transport files across networks, description 33
 - transport files across networks, example 34
 - under CMS 77
 - under OS/390 94
 - write permission 34

H

- hexadecimal translations 59
- host compatibility 9
 - architectural 9
 - character architectural groups 121
 - character translations 119, 122
 - identical architectural groups 120
 - incompatible hosts, definition 9
 - incompatible hosts, SAS/SHARE servers 58
 - local versus remote hosts 46
 - numeric architectural groups 120
 - numeric precision of transferred data 119
- host file formats
 - specifying under OpenVMS 83
 - supported by CEDA 69
- hosts
 - architecture, determining by file extension 18
 - file transport considerations 10
 - types supported by SAS System 4
- hosts, remote 3, 56

I

- importing transport files 15
- incompatible hosts 9
- internal error 87, 110
- invalid data length 110

J

- JCL batch, under OS/390 94

L

- libraries
 - concatenating multiple 61

- determining contents of
 - members 111
 - mixed, accessing V6 files 14
 - mixed, SAS/SHARE servers 60
 - mixed, under OS/390 13
- library unavailable 86, 111
- licensing
 - CEDA 65
 - SAS/CONNECT software 12
- line feed characters, troubleshooting 104
- local sessions, connecting with remote sessions 46
- long filenames
 - CEDA 71
 - under OS/2 90
 - under Windows 90

M

- Macintosh operating environment 5, 79
- magnitude, loss of 59
- member names 109
- member type, determining by file extension 18
- member unavailable 86, 111
- members in data libraries, transporting 48
- MEMTYPE=DATA option 27
- migrating from VAX to Alpha environment 84
- moving SAS files 12

N

- network services, accessing SAS files 4
- networks, transferring files across
 - description 33
 - example 34
 - FTP utility, description 33
 - FTP utility, example 34
 - OS/390 JCL batch to UNIX file transport 153
 - under CMS 77
 - under OS/390 94, 153
- null characters, padding transport files 115
- numeric magnitude, loss of 59
- numeric precision, loss of 12, 59
- numeric translation 59

O

- OpenVMS operating environment
 - carriage control characters 82
 - error messages 85
 - host file format, specifying 83
 - migrating from VAX to Alpha environment 84
 - SAS release, determining 82
 - tape devices, mounting 83
 - transport file attributes, listing 81

- transport file attributes, specifying 82
- OpenVMS to HP-UX file transport
 - carriage control characters 137
 - SAS logs, viewing at the source 135
 - SAS logs, viewing at the target 139
 - transport files, creating 134
 - transport files, importing 139
 - transport files, transferring 137
 - transport files, verifying 136
- operating environments supported by SAS System 4
- OS/2 operating environment
 - error messages 91
 - FAT files 90
 - idiosyncrasies 91
 - long filenames 90
 - SAS release, determining 89
 - SHORTFILEEXT option 91
 - transport file attributes, specifying 89
 - transport files, creating on tape 91
- OS/390 JCL batch to UNIX file transport
 - logging data set creation 156
 - logging transport file creation 156
 - logging transport file import 159
 - logging transport file transfer 157
 - logging transport file verification 158
 - transport files, creating 152
 - transport files, importing 155
 - transport files, transferring across networks 153
 - transport files, verifying 154
- OS/390 operating environment
 - attachmate 95
 - character translation 94
 - Extra for Windows 95
 - FTP 94
 - JCL batch 94
 - organizing files 94
 - SAS release, determining 93
 - transport file attributes, listing 93
 - transport files, transferring across networks 94
 - TSO 94
 - UNIX System Services Directory 94
- OS/390 to Windows NT file transfer
 - SAS logs, viewing at the source 141
 - transport files, importing 144
 - transport files, transferring 143
 - transport files, verifying 142
- OS/390 to Windows NT file transport
 - SAS logs, viewing at the target 145
 - transport files, creating 141
 - transport files, creating for UNIX 146
- OS/390 TSO to UNIX file transport
 - SAS logs, viewing at the source 147
 - transport files, creating 146
- OUTREP= option
 - DATA step 68
 - LIBNAME statement 68

- P**
- precision, loss of 12, 59
 - PROC SQL views 63, 111
- R**
- regression 10
 - catalogs, cross-version environments 63
 - catalogs, V6 versus V8 51
 - converting cross-version transported files 13
 - converting files on same host 14
 - converting V6 files to V8 format 14
 - converting V8 files to V6 format 19
 - data sets 62
 - DATA step views 63
 - factors affecting 10
 - library contents, determining 13
 - long data set names, truncating 19
 - long variable labels, truncating 19
 - long variable names, truncating 19
 - mixed libraries, accessing V6 files 14
 - mixed libraries, under OS/390 13
 - PROC SQL views 63
 - SAS/ACCESS views 63
 - SAS files 10
 - SAS/SHARE servers 60
 - transporting files 49
 - V6 local host accessing V8 remote host 50
 - V8 local host accessing V6 remote hosts 51
 - VALIDVARNAME system option 19
 - remote files 4, 55
 - remote hosts, accessing SAS files 3, 56
 - remote sessions, connecting with local sessions 46
 - requested function not supported 112
- S**
- SAS/ACCESS views 63
 - SAS/CONNECT software 12
 - creating and importing transport files 18
 - license requirements 12
 - SAS/CONNECT software, transporting files
 - See* transporting files
 - SAS engine 126
 - SAS files
 - DATA type, creating in non-native format 19
 - determining base SAS engine 126
 - downloading 45
 - error messages 108
 - uploading 45
 - SAS files, accessing
 - definition 3
 - methods for 129
 - on remote hosts 3
 - with CEDA 4
 - with network services 4
 - with SAS/SHARE servers 4
 - SAS files, converting 13
 - on same host 14
 - V6 to V8 format 14
 - V8 to V6 format 19
 - SAS files, determining information about
 - base SAS engine 125, 126
 - by file extension 18
 - host architecture 18, 125
 - member type 18
 - SAS version 18
 - SAS files, moving 12
 - See also* transport files
 - methods for 129
 - SAS files, transporting 12
 - between compatible hosts 12, 13
 - between incompatible hosts 12
 - by copying 12, 13
 - choosing a method for 9, 15
 - converting between incompatible hosts 12
 - DBMS files (third party) 11
 - host architectural compatibility 9
 - host type considerations 10
 - numeric precision 12
 - reasons for 3
 - regressing SAS files 10
 - SAS members 10
 - SAS release considerations 10
 - views 11
 - SAS files, version compatibility 4, 10
 - SAS logs, logging transport data
 - data set creation 156
 - transport file creation 156
 - transport file import 159
 - transport file transfer 157
 - transport file verification 158
 - SAS logs, viewing at the source
 - OpenVMS to HP-UX file transport 135
 - OS/390 to Windows NT file transfer 141
 - OS/390 TSO to UNIX file transport 147
 - SAS logs, viewing at the target
 - OpenVMS to HP-UX file transport 139
 - OS/390 to Windows NT file transport 145
 - SAS members, transporting 10
 - SAS releases
 - determining by file extension 18
 - determining transport methods 10
 - determining under CMS 75
 - determining under Macintosh 79
 - Macintosh support 5, 79
 - operating environments supported 4
 - VSE support 5
 - Windows 32s support 5
 - SAS releases, compatibility 4, 10
 - SAS releases, determining under
 - OpenVMS 82
 - OS/2 89
 - OS/390 93
 - UNIX 97
 - Windows 89
 - SAS/SHARE servers 18
 - accessing SAS files 4
 - creating and importing transport files 15, 18
 - SAS/SHARE servers, accessing remote files 56
 - catalogs 63
 - character translation 59
 - client hosts 57
 - client/server requirements 56
 - data sets 62
 - DATA step views 63
 - incompatible hosts 58
 - interpreting views 58
 - libraries, concatenating multiple 61
 - libraries, mixed 60
 - loss of magnitude 59
 - loss of precision 59
 - managing multi-user access 57
 - numeric translation 59
 - PROC SQL views 63
 - regression 60
 - SAS/ACCESS views 63
 - server hosts 56
 - starting a server 56
 - supported members and files 55
 - server hosts 56
 - SHORTFILEEXT option 71, 91
- T**
- tape devices, mounting under OpenVMS 83
 - tapes
 - copying to disk, under UNIX 99
 - copying transport files from disk, under UNIX 98
 - multi-volume 106
 - unlabeled 106
 - tapes, transferring transport files with 33
 - under CMS 76
 - under OS/2 91
 - under UNIX 98
 - under Windows 91
 - translation tables, moving 127
 - transport file attributes, listing
 - under CMS 75
 - under OpenVMS 81
 - under OS/390 93
 - transport file attributes, specifying 31
 - FILENAME statement 32
 - for all hosts 32
 - FTP utility 32
 - under CMS 76
 - under Macintosh 79
 - under OpenVMS 82
 - under OS/2 89
 - under UNIX 97
 - under Windows 89
 - transport file attributes, verifying 113
 - transport files 105
 - bad transport file 85, 107, 110

- copying from disk to tape at source, under UNIX 98
 - copying from tape to disk at target, under UNIX 99
 - determining creation method 105
 - transport files, creating 15
 - See also CIMPORT procedure
 - See also CPORT procedure
 - See also SAS/CONNECT software
 - See also SAS/SHARE servers
 - See also XPORT engine
 - at the source host 23
 - creation method, determining 20
 - for CATALOG type members 28
 - for catalogs 28, 29
 - for DATA member type 26
 - for data sets 26, 27
 - MEMTYPE=DATA option 27
 - OpenVMS to HP-UX 134
 - under CMS 76
 - under OS/2 91
 - under UNIX 98
 - under Windows 91
 - with COPY procedure 26
 - with DATA step 26
 - XPORT engine template 24
 - transport files, importing 15
 - See also CIMPORT procedure
 - See also CPORT procedure
 - See also SAS/CONNECT software
 - See also XPORT engine
 - at the target host 37
 - CATALOG type members 41
 - catalogs 42, 43
 - checklist for 103
 - data sets 40, 41
 - DATA type members 40
 - destination member type compatibility 41
 - under CMS 76
 - with COPY procedure 40
 - with DATA step 40
 - transport files, transferring 31
 - transport files, transferring across networks
 - description 33
 - example 34
 - FTP utility, description 33
 - FTP utility, example 34
 - under CMS 77
 - under OS/390 94, 153
 - transport files, transferring on tapes
 - carriage control characters 104
 - checklist for 103
 - description 31
 - dividing large files 106
 - error messages 106
 - host compatibility 105
 - in binary format 104
 - invoking communication software at the host 105
 - line feed characters 104
 - multi-volume tapes 106
 - padding with null characters 115
 - reblocking the file 114
 - unlabeled tapes 106
 - verifying results of 104, 106
 - verifying transfer format 113
 - verifying transport file attributes 113
 - transport files, verifying
 - by importing back to source host 160
 - comparing original data to imported data 161
 - file size 161
 - logging verification 158
 - OpenVMS to HP-UX file transport 136
 - OS/390 JCL batch to UNIX file transport 154
 - OS/390 to Windows NT file transfer 142
 - transfer format 113
 - transfer results 104, 106
 - transport file attributes 113
 - troubleshooting transport files 104, 106, 113
 - transport format 20
 - transporting files 45
 - between SAS versions 49
 - catalog entries 48
 - catalogs, V6 versus V8 51
 - connecting local and remote sessions 46
 - downloading 45
 - incompatible hosts 46
 - individual data sets 47
 - members in data libraries 48
 - regression 49
 - supported members and files 45
 - truncating Version 8 names 49
 - uploading 45
 - V6 local host accessing V8 remote host 50
 - V8 local host accessing V6 remote hosts 51
 - transporting SAS files 12
 - TRANTAB statement 127
 - TRANTAB= system option 127
 - troubleshooting transport files 103
 - See also error messages
 - carriage control characters 104
 - checklist for 103
 - dividing large files 106
 - host compatibility 105
 - in binary format 104
 - invoking communication software at the host 105
 - line feed characters 104
 - multi-volume tapes 106
 - padding with null characters 115
 - reblocking the file 114
 - unlabeled tapes 106
 - verifying transfer format 113
 - verifying transfer results 104, 106
 - verifying transport file attributes 113
 - truncated records 86, 112
 - truncating
 - variable labels 19
 - variable names 19
 - Version 8 names 49
 - TSO under OS/390, creating transport files 94
- ## U
- universal headers 66
 - UNIX operating environment
 - SAS release, determining 97
 - transport file attributes, specifying 97
 - transport files, creating on tape 98
 - transport files, from disk to tape at source 98
 - transport files, from tape to disk at target 99
 - UNIX System Services Directory 94
 - updating files 112
 - uploading SAS files 45
 - UTILITY FILE OPEN function 112
- ## V
- VALIDVARNAME system option 19
 - variable labels, truncating 19
 - variable names, illegal 112
 - variable names, truncating 19
 - VAXTOAXP procedure 84, 87
 - views
 - interpreting on client versus host 58
 - transporting 11
 - VSE operating environment 5
- ## W
- Windows 32s operating environment 5
 - Windows operating environment
 - error messages 91
 - FAT files 90
 - idiosyncrasies 91
 - long filenames 90
 - SAS release, determining 89
 - SHORTFILEEXT option 91
 - transport file attributes, specifying 89
 - transport files, creating on tape 91
- ## X
- XPORT engine 16
 - benefits of 17
 - creating transport files, template for 24
 - limitations of 17
 - member types supported 17
 - regression 17
 - transport files, importing 38
 - transport format 20