

ADML 0030 - Interface Operations Guide (IOG)



State of Florida Project Aspire

Interface Operations Guide (IOG) – ADML 0030: SpeedType Batch Load

Version 2

Introduction

Document Purpose and Organization

The Interface Operations Guide (IOG) contains the interface specific information required for State of Florida Agencies to integrate with the Aspire system.

Each interface will contain a separate IOG with specific information. The IOG information will include the ADML number, description, file name(s), examples of load reports, frequency, run schedule, error conditions, etc. Additionally, the IOG will contain the file layout for the interface.

General interface information, including interface standards and updates can be found on the Project Aspire website, http://aspire.dfs.state.fl.us/Technical_Corner/

SpeedType Batch Load

Interface ADML Number	ADML 0030
Inbound/Outbound	Inbound
Interface Title	SpeedType Batch Load
Interface Description	SpeedType Batch Loading to ASPIRE Interface. This interface utilizes the Component Interface logic to read Speed Type information from a flat file. New records will be added, existing records will be updated.
Version	Version 2
Aspire Point of Contact	Aspire_Inbox@dfs.state.fl.us
Appropriate Usage	Agencies at large will use this mechanism to load a large number of SpeedTypes into ASPIRE.
Source System/ Organization	Agency Business System using Speed Type feature in Aspire
Destination System/ Organization	Aspire/DFS
Business Process Area	Record To Report
Frequency	Ad Hoc
Run Schedule	(TBD)
File Name(s)	<Instance>. I0030XXX. <GLBU>.<NA00>.<YYMMDDHHmmss>
Interface Load Report(s)	This interface has 2 types of load report: <Instance>_I0030XXX_<GLBU>_<NA00>_<YYMMDDHHmmss _ErrorRpt.txt <Instance>_I0030XXX_<GLBU>_<NA00>_<YYMMDDHHmmss _SuccessRpt.txt
Report Manager Folder	SpeedType Batch Load
Navigation Path	Setup Financials and Supply Chain >> Common Definitions >> Design Chartfields >> Configure >> Speed Type
Other Reference Documents	http://aspire.dfs.state.fl.us/Technical_Corner/docs/Agency_Interface_Processing_Standards_Load_Error.pdf

ADML 0030 Field Standards
Alphanumeric (CHAR), Numeric (NUM), Date, and Time Fields

Data Type	Field Positioning	Field Padding	Example
CHAR/n	Left Justified	Space filled on right	A1B3...
NUM/n	Right Justified	Zero Filled on left	00001 for 1
DATE/10	N/A	N/A	Format: YYYY-MM-DD 2006-09-18
TIME/6	N/A	N/A	Format: HHMMSS 132200 for 1:22:00 PM

Record Layout:

Input File Format: Fixed length file format

	Field Name	Field Value Type	Field Description	Format , Type & Length	Start	End	Required/ Optional	Valid Values	Processing Rules	Available for Agency Use (Y/N)	Additional Information
1	SETID	G	SetID	CHAR 5	1	5	Required	The agency-specific setid. By using the agency setid, the speedtypes for each agency will be segregated.		N	
2	SPEEDTYPE_KEY	D	SpeedTypeKey	CHAR 10	6	15	Required			N	User Defined Value

	Field Name	Field Value Type	Field Description	Format , Type & Length	Start	End	Required/ Optional	Valid Values	Processing Rules	Available for Agency Use (Y/N)	Additional Information
3	OPRCLASS	D	Primary Permission List	CHAR 30	16	45	Optional.	Must be an OPRCLASS defined in Aspire		N	The operclass associated with the organization that is entering the speedtype – Must also set SPEEDTYPE_TYPE = C if sending OPRCLASS value.
4	SPEEDTYPE_TYPE	D	Type of Speed Type	CHAR 1	46	46	Optional	C – One Permission U – All users Space for default		N	Default to U if left blank

	Field Name	Field Value Type	Field Description	Format , Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use (Y/N)	Additional Information
5	EFF_STATUS	D	Status of Speedtype	CHAR 1	47	47	Optional	A – Active I – Inactivate Space for default		N	Default to A if left blank
6	FILLER			CHAR 10	48	57				N	
7	ACCOUNT	E	Account: Classifies the nature of a transaction. (Object/GL Code)	CHAR 10	58	67	Optional	Valid values stored in GL_ACCOUNT_TBL		N	Display length is 8. Real field length is 10
8	ALTACCOUNT	G	Alternate Account: (Object/GL Code)	CHAR 10	68	77	Optional	Valid values stored on ALTACCT_TBL.		N	The display length is 8. The real field length is 10.
9	DEPTID	G	Organization (ORG/IBI).	CHAR 10	78	87	Optional	Valid values stored in DEPT_TBL table	Must be a valid value within the Agency SETID	N	Display length is 7. Real field length is 10

	Field Name	Field Value Type	Field Description	Format , Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use (Y/N)	Additional Information
10	OPERATING_UNIT	G	Budget Entity (BE)	CHAR 8	88	95	Optional	Valid values stored in OPER_UNIT_TBL table	Must be a valid value within the Agency SETID	N	
11	PRODUCT	E	Category	CHAR 6	96	101	Optional	Valid values stored in PRODUCT_TBL	Must be valid value within the SHARE SETID	N	
12	FUND_CODE	E	Fund/CC (State Fund/Fund ID),	CHAR 7	102	108	Optional	Valid values stored in FUND table	Must be a valid value within the Agency SETID	N	
13	CLASS_FLD	G	Location	CHAR 10	109	118	Optional	Valid Values stored in CLASS_CF_TBL table	Must be a valid value within the Agency SETID	N	Display length for this field is 5. Real field length is 10
14	PROGRAM_CODE	E	Appropriation Year	CHAR 4	119	122	Optional	Valid values stored in PROGRAM_TBL table	Must be a valid value within the SHARE SETID.	N	Field size limited to display length

	Field Name	Field Value Type	Field Description	Format , Type & Length	Start	End	Required/ Optional	Valid Values	Processing Rules	Available for Agency Use (Y/N)	Additional Information
15	BUDGET_REF	G	Activity Issue	CHAR 8	123	130	Optional	Valid values stored in BUD_REF_TBL table	Must be a valid value within the Agency SETID	N	Display length for this field is 7. Real field length is 8.
16	AFFILIATE	E	Affiliate	CHAR 5	131	135	Optional	Valid values stored in AFFILIATE_VW		N	
17	AFFILIATE_INTRA1	E	Fund Affiliate.	CHAR 10	136	145	Optional	Valid values stored in AFFINTRA1_VW		N	
18	AFFILIATE_INTRA2	E	Budget Entity Affiliate	CHAR 10	146	155	Optional	Valid values stored in AFFINTRA2_VW		N	
19	CHARTFIELD1	G	Agency Chartfield 1: The field use and values will be left to the discretion of each agency.	CHAR 10	156	165	Optional	Valid values stored in CHARTFIELD1_TBL table	Values must be valid for the Agency SetID.	N	

	Field Name	Field Value Type	Field Description	Format , Type & Length	Start	End	Required/ Optional	Valid Values	Processing Rules	Available for Agency Use (Y/N)	Additional Information
20	CHARTFIELD2	G	Agency Chartfield 2: The field use and values will be left to the discretion of each agency.	CHAR 10	166	175	Optional	Valid values stored in CHARTFIELD2_TBL table	Values must be valid for the Agency SetID.	N	
21	CHARTFIELD3	E	Program Component	CHAR 10	176	185	Optional	Valid values stored in CHARTFIELD3_TBL table	Values must be valid for the SHARE SetID.	N	
22	PROJECT_ID	E	Project (Project/Grant). The purpose of this field is to identify all project and grant related transactions	CHAR 15	186	200	Optional	Valid Values stored in PROJECT table	Values must be valid for SHARE SetID.	N	
23	CURRENCY_CODE	D	Currency Code	CHAR 3	201	203	Required	USD	USD is the only currency code currently in use	N	USD is a Valid Values stored in CURRENCY_CD_TBL

	Field Name	Field Value Type	Field Description	Format , Type & Length	Start	End	Required/ Optional	Valid Values	Processing Rules	Available for Agency Use (Y/N)	Additional Information
24	STATISTICS_CODE	D	Statistics Code	CHAR 3	204	206	Optional	Valid Values stored in STAT_TBL		N	
25	DESCR	D	Description	CHAR 30	207	236	Required	Free form text		N	Describes speedtype
26	FILLER		Filler	CHAR 20	237	256	Optional		Fill with spaces	N	

Miscellaneous Processing Notes:

Errors

Error No:	Error Condition	Severity	Business / Display Rules
1	No file present at specified location	Error	Write error description to the error log.
2	File is empty	Error	Generate message in Error Log File as "Incoming Flat File CCCCCCCCCCCCCC -- is Empty"
3	Blank SetId	Error	Skip Record and Generate Message in Error Log File as "Row no NN, Setid value is null for Speedtype key = CCCCCC "
4	Invalid SetId	Error	Skip Record and Generate Message in Error Log File as "Row no NN, Setid value CCCCC is invalid as it does not exist in SP_SETID_CLSVW table."
5	Blank SPEEDTYPE_KEY	Error	Skip Record and Generate Message in Error Log File as "Row no NN, SpeedType Key value is null for Setid = CCCCC"
6	Invalid SpeedType Type	Error	Skip Record and Generate Message in Error Log file as "Row no = NN, SpeedType Type value = CCCCC is invalid for Setid = CCCCC and Speed type key = XXXXX"
7	Operclass value should be blank, if SPEEDTYPE_TYPE IS BLANK or U	Error	Skip Record and Generate Message in Error Log File as "Opr Class= CCCCC for Setid XXXXX & Speedtype key YYYYYY, OprClass must be blank as Speedtype type = blank or U"
9	Invalid oprclass value	Error	Skip Record and Generate Message in Error Log file as "Row no = NN, Opr Class = CCCC is invalid for Setid = XXXXX and Speedtype key = XXXXXX"
10	Invalid Chartfield value	Error	Skip Record and generate message in Error Log as Row no %1 contains Invalid %2 Chartfield value = %3"

Success Log:

Florida Department of Financial Services - Aspire Job: FLGLSPD Process: FL_GL_SPTYIN Started: 2006-04-23
14:39:21 Process Instance: 29325 Run Control Parameters OPRID: NAGAVARS RUN_CNTL_ID: qqq
BUSINESS_UNIT: 80000

+++++ Success Report
for..... ->/apps/psoft/inbound/FDEVA.I0030XXX.80000.NA00.051118101012.txt

Records Read: 5

Records Processed Successfully: 5

Error Records: 0

Ended: 2006-04-23-14.39.55.000000

Revision History

Revision Schedule			
Number	Date	Designer	Comments
1	05/01/2006	Seshu Mallapuram	Original Presentation
2	08/15/2006	Larry Drake	Updated the IOG per Remediation Information Exchange (RIX) Meeting Standards. a) Added field Standards Table with Data Type, Field Positioning, Field Padding and Example Columns. b) Added Field Value Type and Serial Number Columns to the record layouts. c) Added Other Reference Documents row to page 3. d) Added DESCR Field.