

CAD Tools Committee Meeting

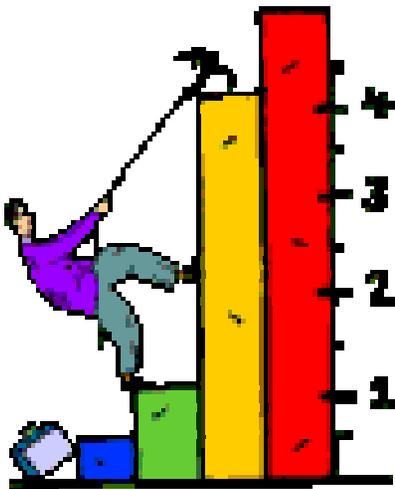
Wednesday
9 Nov. 2005

Larry Carpenter, P.E.
Lab CAD Manager

Topics

- NX Audit Nov 16-17
- Nightly Maintenance
Implementation Progress
- I-DEAS Naming Rules Feedback
- TDM Cleanup Progress
- SDI Plotting

Nightly Maintenance Implementation Progress



of PCs now running scripts according to morning log:

- **ADMS – 22**
- **PPD – 6**
- **TD – 3**
- **ADCS – 0**

Let's get this done and out of the way soon.

I-DEAS Naming Rules Feedback

TITLE		DATE	REV
I-DEAS TDM Item Naming & Numbering Rules		31-Oct-05	

I-DEAS TDM Item
Naming & Numbering
Rules

Revision History			
Rev.	Date Y-M-D	Name	Comments
		Larry Carpenter	Initial Release

 Fermilab	P.O. Box 500, Batavia, IL 60510	Larry Carpenter, P.E. Lab CAD Manager	630-840-3443 (phone) 630-840-8036 (fax)	1 of 6
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**Still looking for
feedback from
each group**

miadmin/dmadmin errors - 9 Nov 05

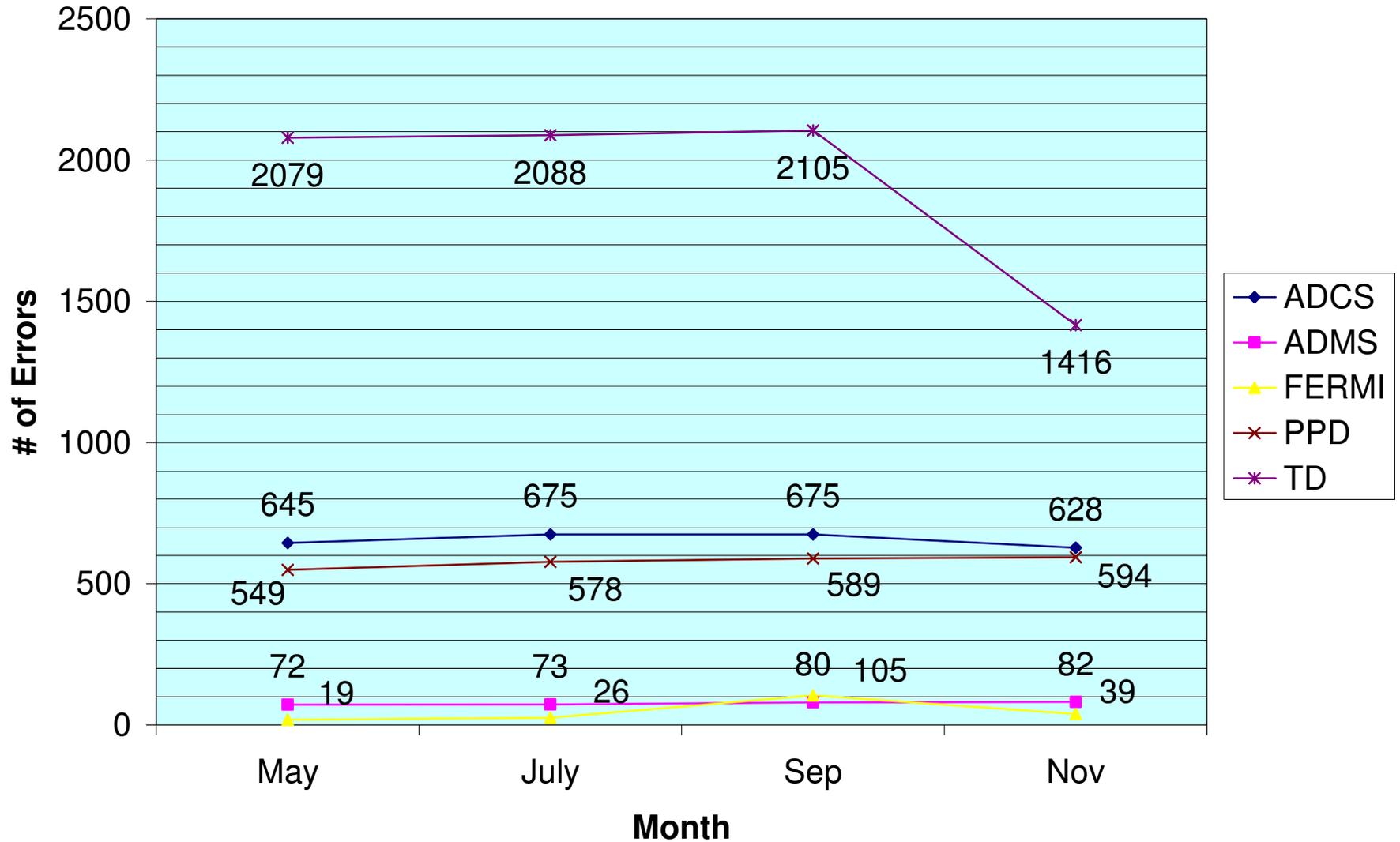
		TDM					
		ADCS	ADMS	FERMI	PPD	TD	ALL
miadmin	Error						
	DUPLICATE_VERSION_NUMBER				14		15
	MISSING_ITEM_NAME					29	29
	MULTIPLE_ITEM_NAMES						167
	MISSING_PART_NUMBER	12877	7548	3366	16819	23842	62553
	MULTIPLE_PART_NUMBERS						405
	INVALID_IMPORT_EXPORT_LOCK_STATUS						363
	MIGRATED_DRAWING_DUPLICATE_VERSION_NUMBER						
	MULTIPLE_MIGRATED_DRAWINGS						
	INCOMPLETE_MIGRATED_DRAWING						
	INVALID_MIGRATED_DRAWING						
	CROSS_PROJECT_MIGRATED_DRAWING						
	MULTIPLE_LEGACY_DRAWINGS						
	DUPLICATE_PART_NUMBER	628	82	39	594	1416	3081
	DUPLICATE_ITEM_NAME	1875	131	189	1475	3741	8323
	INVALID_CHARACTERS_IN_ITEM_NAME						
	ITEM_NAME_TOO_LONG	853		357	1445	3565	6214
	PART_NUMBER_TOO_LONG				17		17
	CREATE_TIME_SEQUENCE_ERROR						11
dmadmin	Library Files Check and Location: (missing files)	0	0	0	174	0	X
	List of Files Report: (items with >80 characters)	0	0	0	0	0	
	Assembly TMT Problems	3	1	0	21	4	
	Size of TDM Shared Directory (GB)	9.85	11.5	16.2	45.8	29.3	
	Number of files in Shared Directory	22369	14987	14799	43067	48155	

#1 Priority

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Resolving Duplicate Part Numbers

Duplicate Part Numbers



TDM Cleanup Methodology

1) Purge TDMs

- Reduces number of errors and amount of data to parse
- Will need to be done before migration anyway

2) Use miadmin & dmadmin to resolve as many issues as possible in each TDM that do not require further investigation. Examples include:

- Removing bad Part Numbers: Part1, Junk3, etc...
- Changing item names to upper case
- Swapping Names and Numbers

3) Have users fix remaining issues that require user feedback. Examples include:

- Conflicting Part Numbers
- Assigning Part Numbers as necessary to their data
- Fixing 'Item Name Too Long' errors

SDI Plotting

Now available!

Currently, only ADCS, PPD, & TD have any printers defined.

Accessible via two ways:

1) File...Print...

However, this does not work within MasterDrafting due to IPLOT. This is correctable though.

2) Icon Panel button

