

Data Dictionary w / Dependencies

Matt Arena, Fermilab

Overview

- ▣ Useful to SPMS/Oracle developers.
- ▣ Driven by Oracle's Data Dictionary
- ▣ Impact Analysis
- ▣ Primary/Foreign Keys are important

Database Objects

Select an object type		
SEQUENCE	CGI	4
PROCEDURE	SPMS_SUMMARY	11
PACKAGE	GET_PARAM	12
LOB	SEND_MAIL	13
TRIGGER	REMOTE_DATA	18
TABLE	SEND_MAIL2	19
FUNCTION	PC	22
SYNONYM	SPMS	28
	ORAL_EXTRACT	37
	RPT_IORAL	55
	KEYWORDS	60
	REGISTRATION	1,812
	SEARCH	1,873
	REPORTS	2,355
	JACOW	3,133
	COMMON	3,308
	HOTEL_HANDLING_MAINT	3,702
	REGIST_MAINT	3,727
	PROFILE	4,386
	Total Lines of Code	47,142

Tables

Select an object.

TABLE	ABSTRACTS	Holds contribution information entered by participants.
TABLE	ABSTRACT_CLASSIFICATIONS	Proposed re-classification by program committee.
TABLE	ABSTRACT_KEYWORDS	Top 5 keywords from paper. Autogenerated in post-conference processing.
TABLE	ABSTRACT_PRESENTATIONS	Used during PC mode to track "votes" for changing an abstract's presentation type.
TABLE	ABS_ATTRIBUTES	Maps abstract to conference-defined attributes.
TABLE	ACTIVITIES	A log of all changes to a users' profile.
TABLE	ACTIVITY_CODES	A master list of possible changes to a users' profile.
TABLE	ADDRESSES	Snail mail address for all affiliations.
TABLE	AFFILIATIONS	A master list of all institutions.
TABLE	AFFIL_REQUESTS	A log of all user requests to add new affiliations to the master list.
TABLE	AFFIL_TYPE_CODES	A master list used to classify affiliations.

Table Definition

TABLE: ABSTRACTS

Holds contribution information entered by participants.

Column	Type	Length	Null	Constraint	Comments
ABSTRACT_ID	NUMBER	22	NOT NULL	ABSTRACTS_PK	Primary key. Auto generated via sequence.
PERSON_ID	NUMBER	22	NOT NULL	ABSTRACTS_PERSONS_FK SYS_C0064718	Foreign key to the abstracts' owner. Note; This is not necessarily the primary author.
TITLE	VARCHAR2	200	NOT NULL	SYS_C0064719	User entered during abstract submission.
DESCRIPTION	VARCHAR2	4000			User entered during abstract submission.
CLASSIFICATION_CODE	VARCHAR2	8	NOT NULL	ABSTRACTS_CLASS_CODE_FK SYS_C0064720	Foreign key. User entered during abstract submission.
SUB_CLASS_CODE	VARCHAR2	4		ABSTRACTS_SUBCLASS_CODE_FK	Foreign key. User entered during abstract submission for EPAC-sytyle conference and editor assigned for PAC-sytlye conferences.
ECLASS_CODE	NUMBER	22		ABSTRACTS_ECLASS_CODE_FK	Foreign key. User entered during abstract submission.

Index Name	Unique	Columns
ABSTRACTS_CLASS_CODE_INDX	No	CLASSIFICATION_CODE
ABSTRACTS_ECLASS_CODE_INDX	No	ECLASS_CODE
ABSTRACTS_EDITOR_ID_INDX	No	EDITOR_ID
ABSTRACTS_PERSON_ID_INDX	No	PERSON_ID
ABSTRACTS_PRES_CODE_INDX	No	PRESENTATION_CODE
ABSTRACTS_SUB_CLASS_CODE_INDX	No	SUB_CLASS_CODE
ABSTRACT_CTX	No	SEARCH_TEXT
ABSTRACTS_PAPER_ID_UQ	Yes	PAPER_ID
ABSTRACTS_PK	Yes	ABSTRACT_ID
ABSTRACTS_SESSION_ID_UQ	Yes	SESSION_ID SESSION_SEQ

ABSTRACTS is Referenced by the following objects

Access Type	Object
PACKAGE BODY	ABSTRACT_MAINT
PACKAGE BODY	CALENDAR
PACKAGE BODY	CLASS_MAINT
PACKAGE BODY	COMMON
PACKAGE BODY	EDITOR
PACKAGE BODY	EDOT
PACKAGE BODY	EMAIL
PACKAGE BODY	EXPERT
PACKAGE BODY	INVITED_EXTRACT
PACKAGE BODY	JACOW

Primary Key References

ABSTRACTS_PK

Constraint Name	Constraint Type	Table	Column	Status
ABSTRACT_CLASSIFICATIONS_FK	Referential Integrity	ABSTRACT_CLASSIFICATIONS	ABSTRACT_ID	ENABLED
ABSTRACT_KEYWORD_ABSTRACTS_FK	Referential Integrity	ABSTRACT_KEYWORDS	ABSTRACT_ID	ENABLED
ABSTRACT_PRESENTATIONS_FK1	Referential Integrity	ABSTRACT_PRESENTATIONS	ABSTRACT_ID	ENABLED
ABS_ATTRIBUTES_ABS_ID_FK	Referential Integrity	ABS_ATTRIBUTES	ABSTRACT_ID	ENABLED
AUTHORS_ABSTRACTS_FK	Referential Integrity	AUTHORS	ABSTRACT_ID	ENABLED
FILES_ABSTRACTS_FK	Referential Integrity	FILES	ABSTRACT_ID	ENABLED
LOGS_ABSTRACT_ID_FK	Referential Integrity	LOGS	ABSTRACT_ID	ENABLED
MAIL_BLATS_ABSTRACT_FK	Referential Integrity	MAIL_BLATS	ABSTRACT_ID Not Indexed	ENABLED
MAIL_BLATS_ERRORS_ABSTRACT_FK	Referential Integrity	MAIL_BLATS_ERRORS	ABSTRACT_ID Not Indexed	ENABLED
MAIL_BLATS_SENT_ABSTRACT_FK	Referential Integrity	MAIL_SENT_BLATS	ABSTRACT_ID	ENABLED
PERSON_SCEDULES_FK2	Referential Integrity	PERSON_SCHEDULES	ABSTRACT_ID	ENABLED
POSTER_LOGS_ABSTRACTS_FK	Referential Integrity	POSTER_LOGS	ABSTRACT_ID	ENABLED
REFEREE_ABSTRACTS_ABSTRACT_FK	Referential Integrity	REFEREE_ABSTRACTS	ABSTRACT_ID	ENABLED

Packages

Select a PACKAGE

PACKAGE [ABSTRACT_MAINT](#)
 PACKAGE [AFFIL_REQS](#)
 PACKAGE [AJAXMGR](#)
 PACKAGE [AUTHORIZE](#)
 PACKAGE [CALENDAR](#)
 PACKAGE [CC_VENDOR](#)
 PACKAGE [CLASS_MAINT](#)
 PACKAGE [COMMON](#)
 PACKAGE [DEPENDENCIES](#)
 PACKAGE [EDITOR](#)
 PACKAGE [EDOT](#)
 PACKAGE [EMAIL](#)
 PACKAGE [EMAIL_QUEUE](#)
 PACKAGE [EXPERT](#)
 PACKAGE [HOTEL_HANDLING](#)
 PACKAGE [HOTEL_HANDLING_MAINT](#)

EDITOR is Referenced by the following objects

Access Type	Object
PACKAGE BODY	EDITOR
PACKAGE BODY	JACOW
PACKAGE BODY	REASSIGN_RED
PACKAGE BODY	RPT_MASTER_STATUS

EDITOR References the following objects

Access Type	Owner	Object
PACKAGE	FEL2009	COMMON
PACKAGE	FEL2009	PROFILE
TABLE	FEL2009	ABS_ATTRIBUTES
TABLE	FEL2009	ATTRIBUTE_CODES
TABLE	FEL2009	AUTHORS
TABLE	FEL2009	ERROR_CODES
TABLE	FEL2009	FILES
TABLE	FEL2009	JN_ABSTRACTS
TABLE	FEL2009	JN_AUTHORS
TABLE	FEL2009	JN_LOGS
TABLE	FEL2009	JN_LOG_ERRORS
TABLE	FEL2009	LOGS
TABLE	FEL2009	LOG_ERRORS
TABLE	FEL2009	PERSONS
TABLE	FEL2009	PERSON_ATTRIBUTES
TABLE	FEL2009	PLATFORM_CODES
TABLE	FEL2009	PRESENTATION_CODES
TABLE	FEL2009	PRESENTATION_FILE_CODES
TABLE	FEL2009	PRESENTATION_OPTION_CODES
TABLE	FEL2009	PROFILES
TABLE	FEL2009	SESSIONS
TABLE	FEL2009	SOURCE_CODES
TABLE	FEL2009	STATUS_CODES
PACKAGE	FEL2009	COMMON
VIEW	FEL2009	ABSTRACT_AUTHORS
PACKAGE	FEL2009	REFEREE
PACKAGE	FEL2009	EDITOR
PACKAGE	FEL2009	MAINT
PACKAGE	FEL2009	REGIST_MAINT
PACKAGE	FEL2009	REGISTRATION
SEQUENCE	FEL2009	LOG_ID_SEQ
TABLE	FEL2009	ABSTRACTS