

*PL/SQL*Plus*

PL/XLS-Parser

Binary XLS Parser

v1.0.1

PL/SQL*Plus

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Introduction

PL/XLS-Parser is a PL/SQL based binary XLS parser and data extractor. Use PL/XLS-Parser to quickly and easily extract data from Microsoft Office XLS files.

Installation

System requirements: Oracle 10g RDBMS Release 1 or higher. Oracle 10g Express Edition is supported.

PL/XLS-Parser is a collection of PL/SQL packages. "install.sql" creates all required objects.

Using PL/XLS-Parser

Essentially, PL/XLS-Parser is a series of calls to PL/XLS-Parser procedures and functions from a PL/SQL script, package, procedure or function. If you are not familiar with the PL/SQL programming language, study the Oracle documentation.

Contact

Contact us at: <mailto:info@plsqlplus.com>

Types

t_cell

t_cell record contains information about an XLS cell data.

rowspan: Row span number

colspan: Column span number

data_type: data type of cell: text, number, date or boolean

cell_text: if data_type is text then it contains data of the cell. If data_type is number, date or boolean then contains converted data.

cell_number: if data_type is number then it contains data of the cell

cell_date: if data_type is date then it contains data of the cell

cell_boolean: if data_type is boolean then it contains data of the cell

format_string: XLS format string. Uses if data_type is number or date

t_sheet

Contains information about an XLS Sheet and Cells of this Sheet

name: Name of the sheet

maxRow: maximum index of Rows

maxCol: maximum index of Columns

numRows: number of Rows

numCols: number of Columns

cells: cells of the sheet, indexed by row and column

t_sheets

Contains Sheets of the XLS file

Procedures

GetVersion

Type: function

Description: Gets the version number of PL/XLS package.

Version: v1.0.0

Parameters: -

Return: varchar2: number of current version

getKeyInfo

Type: function

Description: Gets the licence information from plxls_par.getCertKey.

Version: v1.0.0

Parameters: -

Return: varchar2: licence information

ParseXLS

Type: function

Description: Gets the data from an binary XLS.

Version: v1.0.1

Parameters:

- p_xls blob: Original binary XLS
- p_DateTextFormat varchar2 default null: Format string. Uses for convert Date cell to cell_text.
- p_NumberTextFormat varchar2 default null: Format string. Uses for convert Number cell to cell_text
- p_DateTextNlsparam varchar2 default null: NLS parameter. Uses for convert Date cell to cell_text
- p_NumberTextNlsparam varchar2 default null: NLS parameter. Uses for convert Number cell to cell_text

Return: t_sheets: data of the binary XLS