

Making the Transition From Data Integrator to Spectre

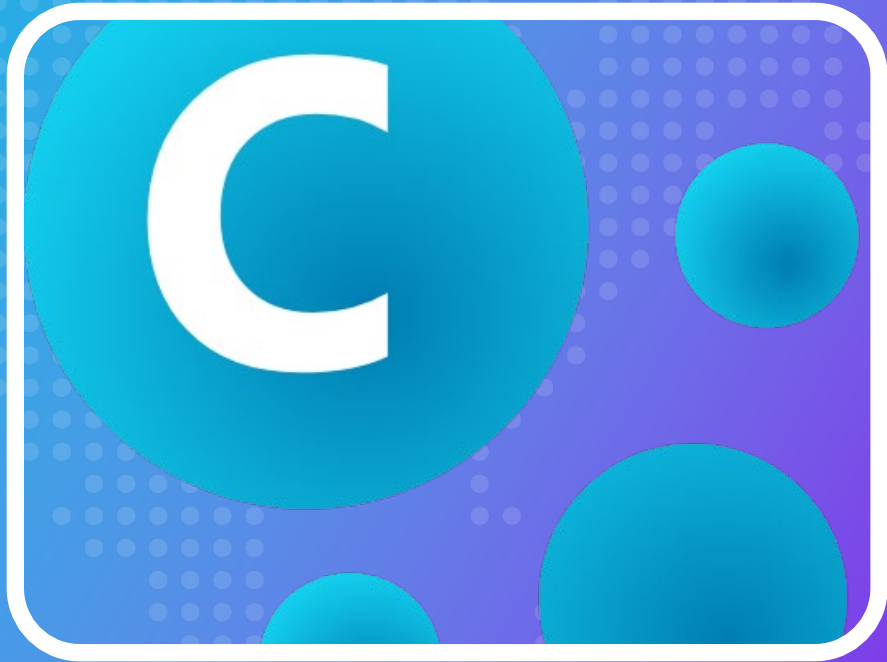
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DIUC22



Are you getting the
most out of the
Spectre cBase Engine?

Making the Transition From Data Integrator to Spectre



In this session, you will learn about the data transformation capabilities in Spectre.

What we will cover today

- ▶ Data Types
- ▶ Spectre Data Inputs
 - File Input
 - ODBC Input
 - cBase Input
 - MS Excel Input * New in 7.2
- ▶ Data Transformation Capabilities
 - Calculations
 - Rotate
 - Squash
- ▶ Spectre Outputs
 - Text Output
 - DI-ODBC



Spectre has **Data Types**

Advantage of data
types: **Efficiency!** 

String

Integer

Double

Fixed100

Boolean

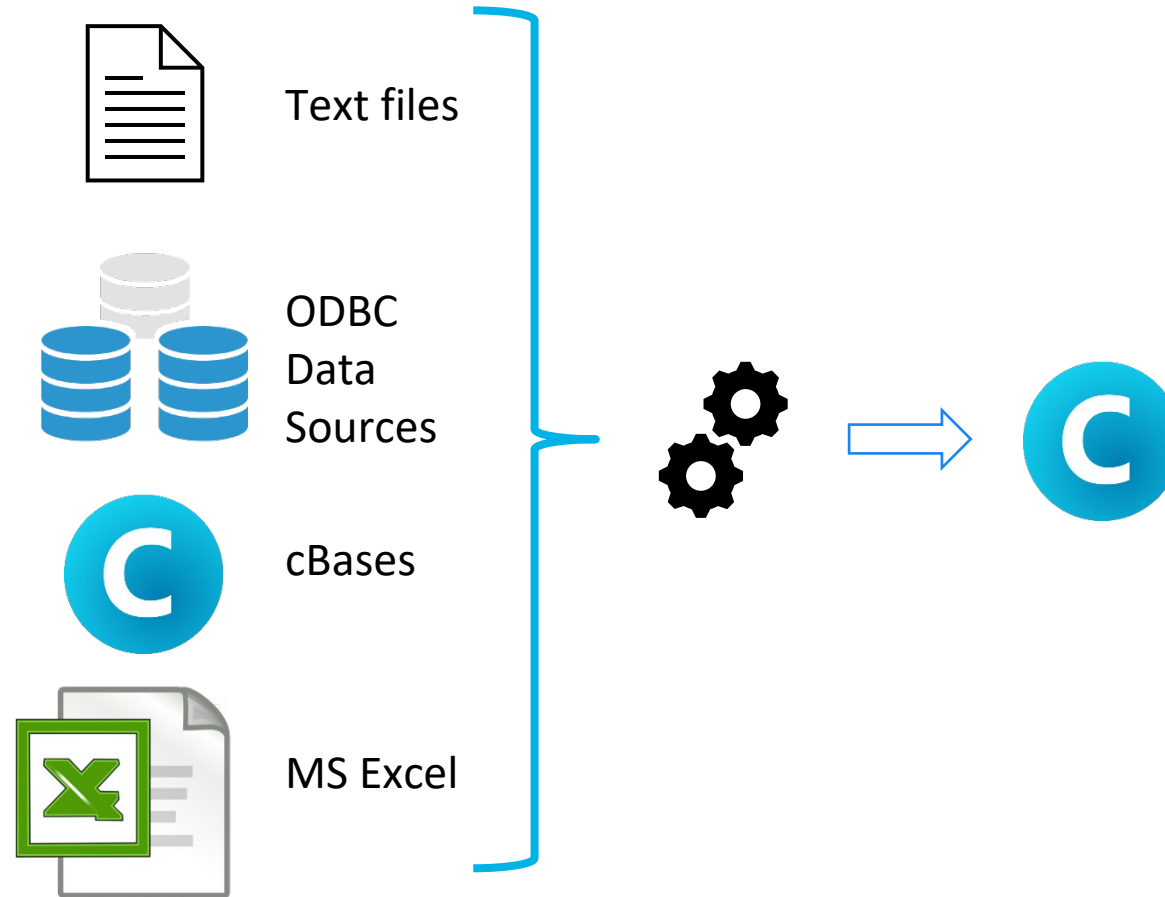
Date

Datetime

Period



Data Inputs



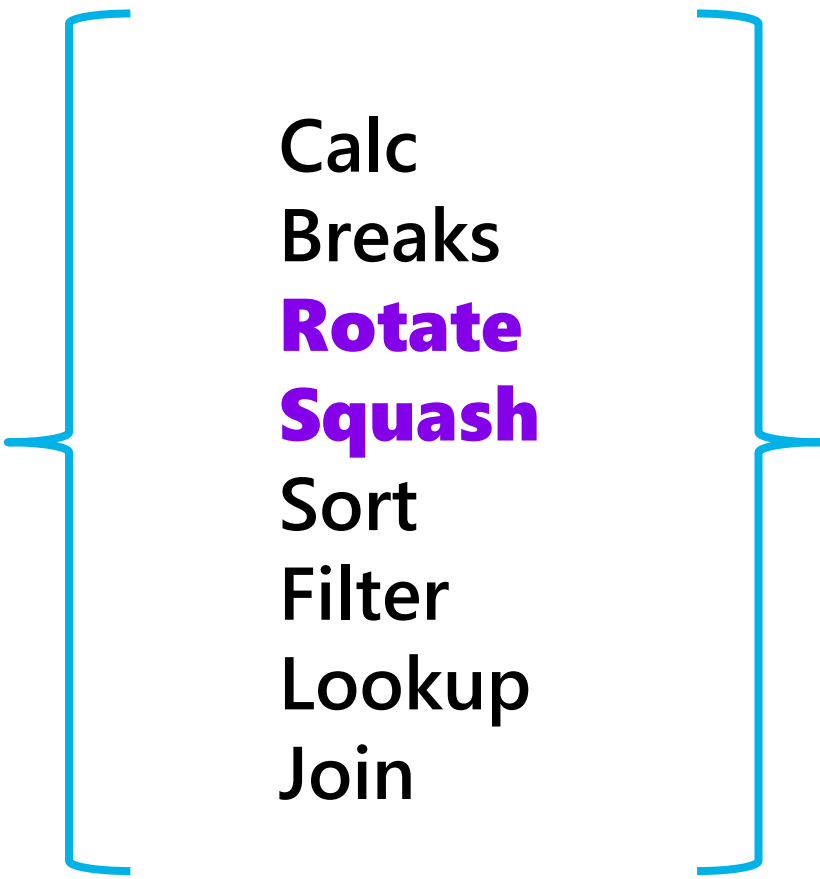
Select from **240** Spectre calculation functions

Context-sensitive links take you
directly to the online help

abs age all and any arccos arcsin arctan argmax argmin average bit_get blake2 build_timestamp calc
calc_custom_property calc_system_property calc_label capitalize case catch chr ceil coalesce
column_custom_property column_system_property concat const cos count cplan_custom_property
cplan_system_property current_date current_file current_user damerau date date_from_date_number
date_number datetime day day_name dimaverage dimcount dimgeomean dimintercept dimmax
dimmedian dimmin dimmode dimpercentile dimslope dimstddev dimstddevp dimsum dmetaphone double
elapsed_time elapsed_time_in_seconds error eval exp extract extract_timestamp file_contents filter first
fixed100 floor format_date format_datetime format_number format_period format_time
format_timevalue geomean group group_match harmean hours hyperloglog if index info input
insert_decimal integ_regexp integ_regexp_value intercept integer is_in is_in_list is_null is_unknown isnull
kahan_sum kilometers kurtosis last length levenshtein ln log10 lower lpad ltrim ly added ly added ly added
map_filename match max max measure median miles min min minutes mod mode month month_name mtd mul not
notnull now offset on_previous_row or param param_contains param_match parent parse_double
parse_fixed100 parse_float parse_integer pct_var percentile period period period_calendar period_end
period_start period_type pow previous quarter random rank rank_in regexp regexp_subst regexp_value
replace reverse rindex rolling round row_count row_number rpad rsubstr rtrim same_period scan seconds
sign sin skewness slope some soundex sqrt squash squash_right startswith stddev stddevp string substr
sum switch table_custom_property table_system_property tan time_string time_value timevalue today
token_count top translate trunc ts_current_day ts_current_half ts_current_month ts_current_quarter
ts_current_tertile ts_current_week ts_current_year ts_half ts_half_to_date ts_month ts_month_to_date
ts_offset ts_quarter ts_quarter_to_date ts_recent_day ts_recent_half ts_recent_month ts_recent_quarter
ts_recent_tertile ts_recent_week ts_recent_year ts_rolling_days ts_rolling_halves ts_rolling_months
ts_rolling_quarters ts_rolling_tertiles ts_rolling_weeks ts_rolling_years ts_tertile ts_tertile_to_date
ts_week_to_date ts_year_to_date ucount upper user_property_contains value value_or weekday
week_date weighted_median weighted_percentile year year_day ytd



Data Transformation Capabilities

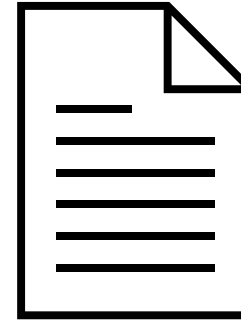


Calc
Breaks
Rotate
Squash
Sort
Filter
Lookup
Join

Data Output



Text Output



DI ODBC Output



7.0

- 7 Data Types
- ODBC Input
- Filtered cBase Input

7.1

- Rotate
- DI-ODBC

7.1.1

- DateTime Data Type

7.1.26

- Dive Results File

7.1.25

- Context-Sensitive Help

7.1.22

- Squash

7.2

- Excel Input

Knowledge Forum

Knowledge Forum Library

- dimins.com/kf

Contact

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