



Informatica® Cloud Data Quality  
December 2022

Data Quality accelerator  
bundles

Informatica Cloud Data Quality Data Quality accelerator bundles

December 2022

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Publication Date: 2022-12-13

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# Preface

Read *Data Quality bundles* to learn about the accelerator bundles that Informatica prepares for Informatica Cloud Data Quality users. Accelerator bundles address common data quality issues in a country, a region, or an industry. Accelerators can include prebuilt rules and reference data objects that you can copy or reference in your cloud environment.

## Informatica Resources

Informatica provides you with a range of product resources through the Informatica Network and other online portals. Use the resources to get the most from your Informatica products and solutions and to learn from other Informatica users and subject matter experts.

### Informatica Documentation

Use the Informatica Documentation Portal to explore an extensive library of documentation for current and recent product releases. To explore the Documentation Portal, visit <https://docs.informatica.com>.

If you have questions, comments, or ideas about the product documentation, contact the Informatica Documentation team at [infa\\_documentation@informatica.com](mailto:infa_documentation@informatica.com).

### Informatica Intelligent Cloud Services web site

You can access the Informatica Intelligent Cloud Services web site at <http://www.informatica.com/cloud>.

### Informatica Intelligent Cloud Services Communities

Use the Informatica Intelligent Cloud Services Community to discuss and resolve technical issues. You can also find technical tips, documentation updates, and answers to frequently asked questions.

Access the Informatica Intelligent Cloud Services Community at:

<https://network.informatica.com/community/informatica-network/products/cloud-integration>

Developers can learn more and share tips at the Cloud Developer community:

<https://network.informatica.com/community/informatica-network/products/cloud-integration/cloud-developers>

### Informatica Intelligent Cloud Services Marketplace

Visit the Informatica Marketplace to try and buy Data Integration Connectors, templates, and mapplets:

<https://marketplace.informatica.com/>

## Informatica Knowledge Base

Use the Informatica Knowledge Base to find product resources such as how-to articles, best practices, video tutorials, and answers to frequently asked questions.

To search the Knowledge Base, visit <https://search.informatica.com>. If you have questions, comments, or ideas about the Knowledge Base, contact the Informatica Knowledge Base team at [KB\\_Feedback@informatica.com](mailto:KB_Feedback@informatica.com).

## Informatica Intelligent Cloud Services Trust Center

The Informatica Intelligent Cloud Services Trust Center provides information about Informatica security policies and real-time system availability.

You can access the trust center at <https://www.informatica.com/trust-center.html>.

Subscribe to the Informatica Intelligent Cloud Services Trust Center to receive upgrade, maintenance, and incident notifications. The [Informatica Intelligent Cloud Services Status](#) page displays the production status of all the Informatica cloud products. All maintenance updates are posted to this page, and during an outage, it will have the most current information. To ensure you are notified of updates and outages, you can subscribe to receive updates for a single component or all Informatica Intelligent Cloud Services components. Subscribing to all components is the best way to be certain you never miss an update.

To subscribe, go to <https://status.informatica.com/> and click **SUBSCRIBE TO UPDATES**. You can then choose to receive notifications sent as emails, SMS text messages, webhooks, RSS feeds, or any combination of the four.

## Informatica Global Customer Support

You can contact a Customer Support Center by telephone or online.

For online support, click **Submit Support Request** in Informatica Intelligent Cloud Services. You can also use Online Support to log a case. Online Support requires a login. You can request a login at <https://network.informatica.com/welcome>.

The telephone numbers for Informatica Global Customer Support are available from the Informatica web site at <https://www.informatica.com/services-and-training/support-services/contact-us.html>.

## CHAPTER 1

# Introduction to Cloud Data Quality accelerator bundles

A bundle is a set of Informatica Intelligent Cloud Services assets that you can use to improve productivity and enhance the quality of your data. A data quality accelerator is bundle of assets that address common data quality problems in a country, a region, or an industry.

The **Data Quality Core Bundle** is a set of pre-configured data quality assets that can parse, standardize, validate, and, deduplicate business data. The assets provide solutions for general data, address data, contact data, corporate data, and product data.

The accelerator contains a combination of individual assets, maplet rules, and dictionaries. Add the assets to your mappings to accelerate the deployment of data quality solutions in your organization.

You can find accelerator bundles for your organization on the **Explore** page. Before you use an accelerator bundle, copy it to a project so that you can customize the assets for your business objectives.

## Using bundles

Use the assets in a bundle when the assets are designed to meet the same objectives as your project.

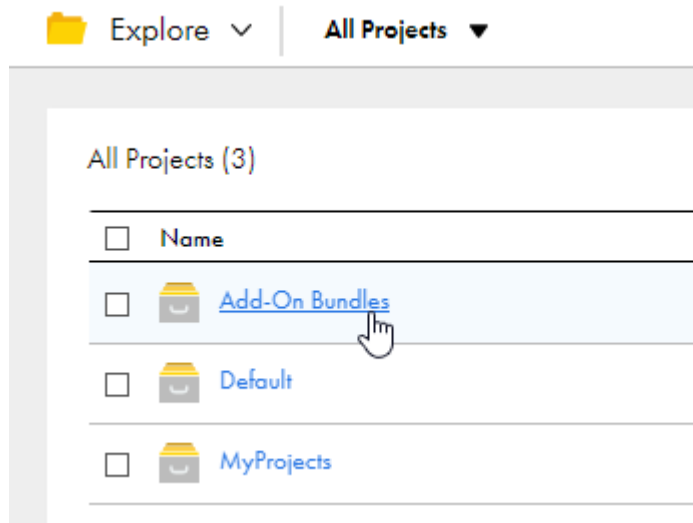
How you can include bundle assets in your project depends on the permissions that the bundle designer designates for the bundle. You can perform one of the following actions depending on which option the bundle designer allows:

- Copy the bundle assets to your project folder and edit the assets for your project. Bundles that allow copy only can be located in any project folder.
- Reference the bundle assets. Select the assets from the Add-on Bundles project when you configure a task. You cannot change a bundle that only allows reference. Bundles that allow reference only are always located in the Add-on Bundles project.
- Copy or reference the bundle assets. Either copy the bundle assets to your project folder or reference the bundle assets in the Add-on Bundles project. Bundles that allow reference or copy are always located in the Add-on Bundles project.

## Copying bundle assets

If a bundle allows the copy action, you can copy all of the assets in a bundle to a project or folder.

1. Open the **Data Quality** service or the **Data Integration** service.



2. On the **Explore** page, create or verify a project that you'll use as a location for the bundle that you select. You can copy a bundle directly to the project or to a folder in the project.
3. Open the **Administrator** service.
4. Select **Add-On Bundles** from the left-hand pane, and select the **Available Bundles** tab. The tab lists the bundles that you can copy to your project.
5. Select an accelerator bundle to copy. The bundle home page opens.
6. Click **Copy Bundle Content To...**
7. Browse to the project or project folder that you identified earlier, and click **Select**. If you copy a bundle directly to the project level, the bundle contents appear at the project level and not in a folder within the project.

**Note:** Informatica updates the contents of accelerator bundles in Informatica Intelligent Cloud Services from time to time. The updates appear in the bundles that you find under **Add-On Bundles** in the Administrator service. The updates do not affect any copy of a bundle that you previously made.

## Adding an asset to a mapplet or mapping

After you copy an accelerator to a project on the **Explore** page, you can add an asset in the accelerator to a mapplet or mapping in **Data Integration**.

You can add a cleanse, deduplicate, labeler, parse, rule specification, or verifier asset to a transformation in a mapping. Or, you can add a mapplet asset to a mapping.

1. Open or create a mapping in **Data Integration**.

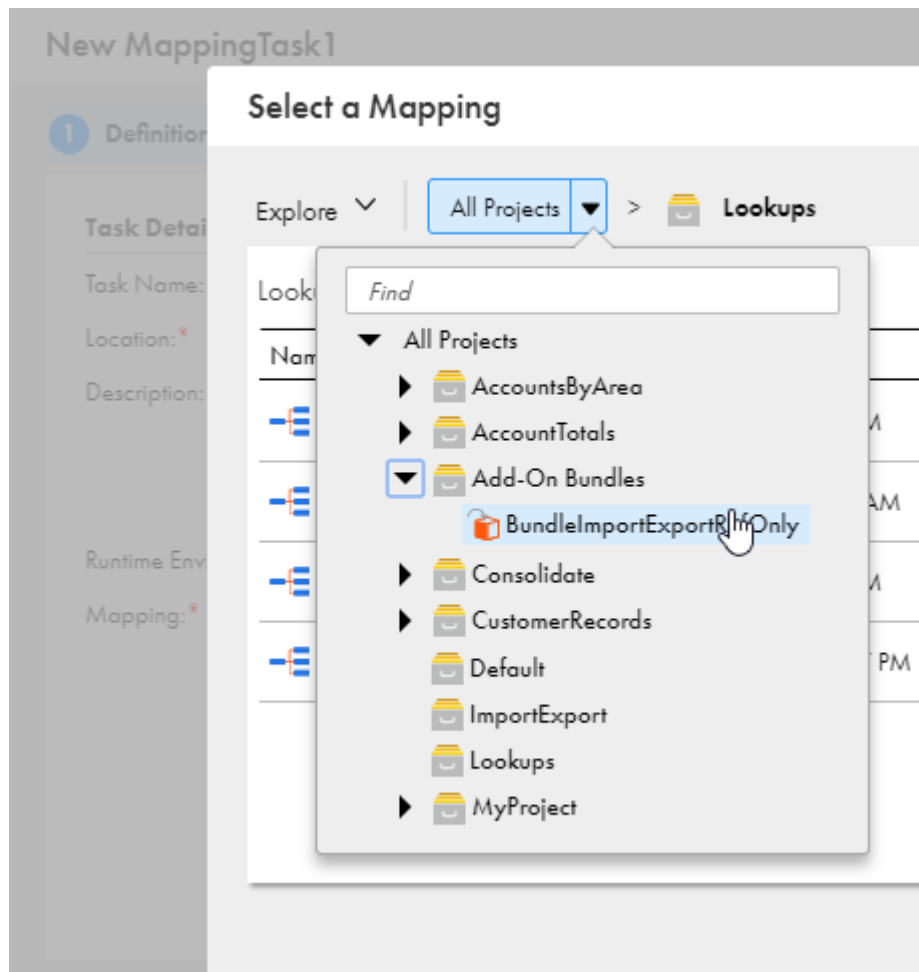
2. Click **Select** in the asset that you're working on, and find the project that contains the asset that you need.
  - a. To add a single asset to a transformation, open the transformation and use the asset selection options to find the asset.
  - b. To add a mapplet to a mapping, open the mapplet in the mapping and use the mapplet selection options to find the mapplet.
3. Click the row that contains the asset, and then click **Select**.

## Referencing bundle assets

Certain asset types allow you to select an asset to use in the asset. If a bundle allows the reference action, you can select the assets in the bundle to use in your asset.

Add a reference to a bundle asset when you configure a mapplet or a mapping in Data Integration.

1. Click **Select** in the asset that you're working on, and then navigate to the Add-On Bundles folder.



2. Open the bundle folder that contains the asset you want to use.
3. Click the row that contains the asset, and then click **Select**.



## CHAPTER 2

# Core Data Quality Bundle

Informatica provides a core accelerator bundle that can help you to quickly develop a range of data quality solutions for general business data issues.

The core bundle contains the following assets:

Name	Asset Type	Description
bs_email_eu	BUSINESS SERVICE	Uses email verification algorithms to identify valid and non-valid email addresses in European countries.
bs_email_US	BUSINESS SERVICE	Uses email verification algorithms to identify valid and non-valid email addresses in the United States.
bs_telephone_EU	BUSINESS SERVICE	Validates and enriches telephone numbers in European countries.
bs_telephone_US	BUSINESS SERVICE	Validates and enriches telephone numbers in the United States.
c_Add_Space_Around_Ampersand	CLEANSE	Inserts a character space on either side of an ampersand, and reduces multiple spaces to a single space.
c_Add_Space_Around_Hyphen	CLEANSE	Inserts a character space on either side of a hyphen, and reduces multiple spaces to a single space.
c_Add_Spaces_Around_Period	CLEANSE	Inserts a character space on either side of a period, and removes multiple spaces.
c_Country_ISO2Char	CLEANSE	Standardizes country names to their respective two-letter ISO country codes.
c_Country_ISO3Char	CLEANSE	Standardizes country names to their respective three-letter ISO country codes.
c_dq_Label_Characters	CLEANSE	Assigns labels to alphanumeric values.
c_Label_Default_Date_Patterns	CLEANSE	Identifies default or sample date values such as 00/00/0000.
c_Label_Default_Numeric_Values	CLEANSE	Identifies default or sample numeric values such as 0 or 999.

Name	Asset Type	Description
c_Label_Default_Values	CLEANSE	Identifies default or sample alphabetic values such as XXX, NA, Default.
c_Lbl_default_values	CLEANSE	Identifies default or sample numeric values such as 999.
c_Remove_Apostrophe	CLEANSE	Removes all apostrophe characters from the input.
c_Remove_Extra_Spaces	CLEANSE	Replaces multiple consecutive spaces with a single space and trims leading and trailing spaces.
c_Remove_Hyphen	CLEANSE	Removes all hyphens from an input string.
c_Remove_Leading_Zero	CLEANSE	Removes zero at the start of an input string.
c_Remove_Ltd_Punctuation	CLEANSE	Removes any forward slash, backslash, exclamation point, period, or underscore character from an input string.
c_Remove_Parentheses	CLEANSE	Removes all occurrences of left and right parentheses from a string.
c_Remove_Period	CLEANSE	Removes a period from a string.
c_Remove_Period_Parentheses	CLEANSE	Removes all occurrences of a period and left and right parentheses in a string.
c_Remove_Punctuation	CLEANSE	Removes all occurrences of punctuation from the input field.
c_Remove_Quotation	CLEANSE	Removes all double quotes from a string of text.
c_Remove_Slashes	CLEANSE	Removes all occurrences of forward and back slashes in a string.
c_Remove_Space	CLEANSE	Removes all occurrences of a space from the input field.
c_Replace_Amp_with_Space	CLEANSE	Replaces an ampersand character with a character space.
c_Replace_Diacritic_Chars	CLEANSE	Replaces letters that use diacritic symbols with their English-language counterparts.
c_Replace_Hyp_Underscore_with_Space	CLEANSE	Replaces a hyphen or underscore character with a space.
c_Replace_Hyph_w_Space	CLEANSE	Replaces a hyphen with a space and reduces multiple spaces to a single space.

Name	Asset Type	Description
c_replace_ltd_punct_w_space	CLEANSE	Replaces any forward slash, backslash, exclamation point, period, or underscore character with a character space. Also replaces instances of multiple character spaces with a single space.
c_Replace_NonAlpha_with_Space	CLEANSE	Replaces a number or other non-alphabetic character with a space, and reduces multiple spaces to a single space.
c_Replace_Period_with_Space	CLEANSE	Replaces a period for a character space.
c_Replace_Punct_with_Space	CLEANSE	Returns any punctuation symbol for a character space.
c_Replace_Slashes_w_Space	CLEANSE	Replaces any slash symbol with a character space.
c_Standardize_rplce_Back_Slash_with_Fwd	CLEANSE	Replace forward-slash with backward-slash.
c_Titlecase	CLEANSE	Converts the input text to title case with dictionary-defined exceptions.
c_Uppercase	CLEANSE	Converts the input text to uppercase.
c_Validation_Domain	CLEANSE	Validates the domain of an email.
character_sets	DICTIONARY	Contains a set of characters (A-Z , a-z , 0-9).
diacritics_translate_infa	DICTIONARY	Contains a list of characters that use diacritics symbols.
domain_names_infa	DICTIONARY	Contains a list of domain names.
dq_av_mailabilityscores_infa	DICTIONARY	Contains address verification status values that indicate the likelihood of delivery to an address on a scale of 0 through 5. Each status value has a corresponding text description.
dq_av_match_code_descriptions_infa	DICTIONARY	Contains alphanumeric status values that indicate the outcome of the verification operation for an address. Each status value has a corresponding text description.
iso_full_country_name_infa	DICTIONARY	Contains the short and long forms of country names and their respective two-letter and three- letter ISO country codes.
numeric_default_values_infa	DICTIONARY	Assigns numeric values.
string_default_values_infa	DICTIONARY	Contains a list of sample or default values.
suspect_names_infa	DICTIONARY	Contains a list of suspect names.

Name	Asset Type	Description
user_defined_dates_infa	DICTIONARY	Contains a set of valid calendar date formats.
cities_of_world_infa	DICTIONARY	Captures the cities of the world.
color_base_infa	DICTIONARY	Contains the colors of various shades.
colors_infa	DICTIONARY	Contains a list of color names and their alternatives.
currency_codes_country_codes_infa	DICTIONARY	Contains a list of currency and country codes.
currency_codes_infa	DICTIONARY	Contains the standardized currency codes of all the currencies in the world.
currency_symbol_from_code_infa	DICTIONARY	Contains a list of currency symbols for the respective currency.
date_month_infa	DICTIONARY	Contains the number of the month.
day_month_infa	DICTIONARY	Contains the standard DD/MM format for the days and months of the year.
english_alphabets_infa	DICTIONARY	Contains a list of English letters.
english_consonants_infa	DICTIONARY	Contains the consonants of the English language.
household_infa	DICTIONARY	Contains a list of household elements.
iso_2chr_country_code_infa	DICTIONARY	Contains the two-character ISO country code and the corresponding country name.
iso_3chr_country_code_infa	DICTIONARY	Contains the three-character ISO country code and the corresponding country name.
job_position_infa	DICTIONARY	Contains the general list of job positions.
major_cities_cntries_infa	DICTIONARY	Contains the list of major cities.
month_to_mm_infa	DICTIONARY	Contains the integer value of the corresponding month of the year.
months_to_num_infa	DICTIONARY	Contains the number of the month in a year. For example, 01 for January, 02 for February.
NAICS_codes_infa	DICTIONARY	Contains the NAICS codes and the descriptions. NAICS is designated as the valid column.
NAICS_description_infa	DICTIONARY	Contains the NAICS codes and the descriptions. NAICS description is designated as the valid column.

Name	Asset Type	Description
NAICS_to_SIC_infa	DICTIONARY	Contains NAICS to SIC codes crosswalk.
profanity_infa	DICTIONARY	Contains a list of profane words.
quantity_list_infa	DICTIONARY	Contains a list of quantities. For example, length, mass, time, area, acceleration.
racess_infa	DICTIONARY	Contains the different races of the world.
religion_infa	DICTIONARY	Contains a list of religions.
SIC_to_NAICS_infa	DICTIONARY	Contains SIC to NAICS codes and description. SIC is designated a valid column.
std_phone_formats_emea_infa	DICTIONARY	Contains the standard phone formats of the EMEA region.
surname_case_excptn_infa	DICTIONARY	Contains the list of surname with common surname prefixes like "Mc" or "Mac".
title_case_excptn_infa	DICTIONARY	Contains list of words that are title case exceptions. The capitalized major words and minor words are in lowercase.
uom_infa	DICTIONARY	Contains the abbreviations of the Unit of Measures (UOM).
international_dialing_codes_infa	DICTIONARY	Returns the International country phone code when the country name or ISO code is passed.
mplt_Add_Leading_Zeroes	MAPPLET	Adds a leading zero to a string input.
mplt_Add_Parentheses_At_Start_End_ofLine	MAPPLET	Adds an open parenthesis at the beginning and a close parenthesis at the end of an input string.
mplt_Add_Plus_To_Start_of_Line	MAPPLET	Inserts a plus sign in front of an input string.
mplt_Add_Space_Around_Ampersand	MAPPLET	Inserts a space on either side of an ampersand, and removes multiple spaces.
mplt_Add_Space_Around_Hyphen	MAPPLET	Ensures that a single space precedes and follows a dash or a hyphen.
mplt_Add_Space_Between_Number_Letter	MAPPLET	Adds a space between a single digit and a single letter. For example, 3G is returned as 3 G. Note: The operation applies to the first number-alpha pattern in the input string, reading from left to right.
mplt_Add_Spaces_Around_Period	MAPPLET	Inserts a character space on either side of a period, and removes multiple spaces.

Name	Asset Type	Description
mplt_AllTrim	MAPPLET	Removes all leading and trailing spaces from an input string.
mplt_Assign_DQ_Mailability_Score_Description	MAPPLET	Describes the Mailability Score value that a verifier asset returns.
mplt_Assign_DQ_Match_Code_Description	MAPPLET	Describes the Match Score value that a verifier asset returns.
mplt_Comparison_Dates	MAPPLET	Compares two dates in an input of type string and returns four outputs. The outputs represent the difference between the dates in hours, days, months, and years respectively. The output values are exclusive of each other. Do not use them together to represent the difference between the data values.
mplt_Completeness	MAPPLET	Checks if the input field is empty or null.
mplt_Completeness_Multi_Port	MAPPLET	Checks if the input field is empty or null. The mapplet has ten input and output ports.
mplt_Concatenate_Words	MAPPLET	Concatenates two strings with a character space as the join character.
mplt_Country_Name_Standardization	MAPPLET	Reads a country name as input and returns the full ISO country name, the ISO three-letter country code, and the ISO two-letter country code.
mplt_Date_Complete	MAPPLET	Checks if an input date string matches any user-defined default values. Does not validate the input string as a date.
mplt_Date_Of_Birth_Validation	MAPPLET	Checks the number of years between the input date and the current date. Returns whether the years represent an adult or a minor.  Returns Valid for 0 - 120 inclusive and returns Invalid for all other entries.
mplt_Date_Standardization	MAPPLET	Formats an input date string using user-defined variables. Includes the exp_ParseDate and exp_FormatDate transformations. Input dates that are invalid or do not fit the designated input format are written as all zeros.
mplt_Date_Validation	MAPPLET	Validates an input date string. The input date format variable allows the user to specify the input date format.
mplt_Date_Validation_Variable_Format	MAPPLET	Validates an input date string. The input date format variable allows the user to specify the format the input date should be in.

Name	Asset Type	Description
mplt_Days_Between_Dates	MAPPLET	Calculates the difference between the two dates in days. The result is the difference between the end date and the start date. Input datatype should be set as String.
mplt_Days_From_Current_Date	MAPPLET	Calculates the number of days between an input date and the current date (system date). Sets the expected input type as String.
mplt_Email_Parse	MAPPLET	This mapplet parses an email from within a string of text.
mplt_Email_Validation	MAPPLET	This mapplet validates the email format. It does not check if the email is an activated address. Returns "Valid" or "Invalid".
mplt_Email_Validation_Webservice_EU	MAPPLET	Calls the email web service to process emails. <b>Note:</b> Users must update the expression asset with their user id and password or license key.
mplt_Geocoordinate_In_Polygon	MAPPLET	Determines if a coordinate point falls inside or outside a set of coordinates that form a polygon shape. Enter the latitude and longitude values for the coordinate point in the Coordinate_Point field. Enter the latitude and longitude values that define the polygon in the Polygon_Coordinates field.  Enter the latitude and longitude values in decimal format. Use a semi-colon to separate the values. For example: 17.25458;78.244393  When you enter the polygon coordinates, use a pipe symbol to separate each set of latitude and longitude values. For example: 88;-179.999999 89.999999;-179.999999 89.999999;179.999999 88;179.999999  The polygon coordinates must connect to each other in a sequence that describes the perimeter of the polygon. For example, the first point connects to the second point, and the second point connects to the third point.
mplt_Global_Address_Validation_Hybrid	MAPPLET	Validates the deliverability of address records from multiple countries. The mapplet corrects errors where possible. Use the rule with input address fields in a hybrid format.
mplt_Identify_Suspect_Names	MAPPLET	Flags suspicious or fake names in input data.
mplt_IsNumeric	MAPPLET	Checks if input data is numeric.
mplt_LowerCase	MAPPLET	Converts input text to lowercase characters.

Name	Asset Type	Description
mplt_Negative_Number_Validation	MAPPLET	Checks if an input is a number and less than zero.
mplt_Numeric_Completeness	MAPPLET	Checks the completeness of a number field. Checks that the field contains a number, is not null or blank, and does not match a sample or default value.
mplt_Parse_Alpha_Chars_from_Non_Alpha_Chars	MAPPLET	Parses alphabetic characters and spaces from non-alphabetic characters.
mplt_Parse_First_Word	MAPPLET	Parses the first text string from an input field, reading from left to right. Uses a character space to delimit text strings.
mplt_Parse_Number_At_End_Of_Line	MAPPLET	Parses a number that occurs at the end of an input string, reading from left to right.
mplt_Parse_Number_At_Start_Of_Line	MAPPLET	Parses a number that occurs at the beginning of a string.
mplt_Parse_Text_Between_Parentheses	MAPPLET	Parses a text string between left and right parentheses from an input field.
mplt_Parse_Text_in_Single_Quotes	MAPPLET	Parses a text string between single quotes from an input field. If there are multiple instances, the final occurrence in the field is parsed out.
mplt_Past_Date_Label	MAPPLET	Flags a past date as invalid, and converts a future date to the current system date.
mplt_Prepending_Zero_to_Single_digit	MAPPLET	Prepends a zero to a single digit. If the input is not a single digit, returns the input data.
mplt_Remove_All_Leading_Zeros	MAPPLET	Removes any leading zero from number data.
mplt_Remove_Apostrophe	MAPPLET	Removes apostrophes from a string.
mplt_Remove_Control_Characters	MAPPLET	Identifies and removes non-printable characters in an input field.
mplt_Remove_Extra_Spaces	MAPPLET	Replaces multiple consecutive character spaces with a single space, and trims leading and trailing spaces.
mplt_Remove_Hyphen	MAPPLET	Removes all hyphens from an input string.
mplt_Remove_Leading_Zero	MAPPLET	Removes a leading zero from a string.
mplt_Remove_Limited_Punctuation	MAPPLET	Removes a limited number of punctuation symbols, including a forward slash, backslash, exclamation point, period, or underscore character. Also replaces instances of two, three, or four consecutive character spaces with a single space.



Name	Asset Type	Description
mplt_Remove_Non_Numbers	MAPPLET	Removes all characters that are not a digit or number from an input string.
mplt_Remove_Parentheses	MAPPLET	Removes all occurrences of left and right parentheses from a string.
mplt_Remove_Period	MAPPLET	Removes all occurrences of a period from a string.
mplt_Remove_Period_Parantheses	MAPPLET	Removes all occurrences of a period and left and right parentheses in a string.
mplt_Remove_Punctuation	MAPPLET	Removes all punctuation symbols from the input.
mplt_Remove_Punctuation_and_Space	MAPPLET	Removes all punctuation symbols and character spaces from an input field, and returns the remaining digits and letters.
mplt_Remove_Quotation	MAPPLET	Removes all double quotation marks from a string of texts. Does not replace with character spaces.
mplt_Remove_Slashes	MAPPLET	Removes all occurrences of forward slashes and backslashes in a string of text.
mplt_Remove_Space	MAPPLET	Removes all occurrences of a character space from an input field.
mplt_Replace_Ampersand_with_Space	MAPPLET	Replaces an ampersand symbol with a character space.
mplt_Replace_Hyphen_Underscore_with_Space	MAPPLET	Replaces forward slash or backslash symbols with a character space.
mplt_Replace_Hyphen_with_Space	MAPPLET	Replaces any occurrence of a hyphen with a single space.
mplt_Replace_Limited_Punct_with_Space	MAPPLET	Replaces punctuation symbols including a forward slash, backslash, exclamation point, period, or underscore character with a character space. Also replaces instances of two, three, or four consecutive character spaces with a single space.
mplt_Replace_Non_Alphabetic_with_Space	MAPPLET	Replaces all non-alphabetic characters with a character space. Trims multiple successive spaces to a single space.
mplt_Replace_Period_With_Space	MAPPLET	Replaces any occurrence of a period with a character space.
mplt_Replace_Punctuation_with_Space	MAPPLET	Replaces punctuation symbols with a character space.

Name	Asset Type	Description
mplt_Replace_Slashes_with_Space	MAPPLET	Replaces all occurrences of a forward slash or backslash with a character space.
mplt_Reverse_String_Input	MAPPLET	Reverses the order of the characters in an input field.
mplt_String_Completeness	MAPPLET	Checks if an input field is empty, null, or contains sample or default values.
mplt_TitleCase	MAPPLET	Converts input text to title case, with dictionary-defined exceptions.
mplt_UpperCase	MAPPLET	Changes alphabetic characters to uppercase.
mplt_Verhoeff_Algorithm	MAPPLET	Validates the check digit of a number according to the Verhoeff Algorithm. Returns valid if the check digit (the final digit of the input) is correct. Returns invalid for incorrect check digits and for all non-numeric input.
mplt_Years_Since_Date_Of_Birth	MAPPLET	Returns the number of years since a given date.
mplt_Email_Parse_and_Validate	MAPPLET	Parses an email from a string of texts, provides the elements of mailbox, domain and sub-domain, and validates if the structure and domain are valid. It does not check if the email is an activated address.
mplt_Email_Parse_Into_Mailbox_Domain	MAPPLET	Parses an email into its constituent elements of mailbox, domain and sub-domain. For example, <i>info@informatica.com</i> will be parsed into <i>info</i> (mailbox), <i>informatica</i> (sub-domain), and <i>com</i> (domain). The mapplet assumes that the text being entered is a valid email.
mplt_email_validation_webservice_US	MAPPLET	Mapplet calls the Email Web Service to process emails. Email Verification combines state-of-the-art email verification algorithms with hygiene algorithms to allow customers to detect and avoid dangerous or potentially dangerous email addresses or domains.  The user must update the expression asset to include their user ids and passwords or license keys.
mplt_telephone_webservice_EU	MAPPLET	Mapplet calls the Telephone Web Service to process global telephone numbers. Global Phone Validation is a data validation and enrichment service for telephone numbers throughout the world.  The user must update the expression asset to include their user ids and passwords or license keys.

Name	Asset Type	Description
mplt_telephone_webservice_US	MAPPLET	Mapplet calls the Telephone Web Service to process global telephone numbers. Global Phone Validation is a data validation and enrichment service for telephone numbers throughout the world.  The user must update the expression asset to include their user ids and passwords or license keys.
mplt_Translate_Diacritic_Characters	MAPPLET	Translates diacritical characters to regular ascii text characters. For example, it changes an ë to an e (returns tēst as test).
p_AV_MailabilityScores_infa	PARSE	Parses the mailability score value that a verifier asset generates.
p_Email_from_Text	PARSE	Parses an email address from a text string.
p_First_Word	PARSE	Parses the first word of a string.
p_Number_At_Start_of_String	PARSE	Parses a number at the beginning of a string.
p_Parse_Number_End_of_Line	PARSE	Parses a number that occurs at the end of a string.
p_Suspect_Names	PARSE	Parses suspicious names.
p_Text_btwn_Parentheses	PARSE	Parses text between parentheses.
p_mailbox_subdomain	PARSE	Parses the first word(sub-domain) of an email address.
p_top_Level_domain	PARSE	Parses top level domain of an email address.
p_Text_btwn_Single_Quotes	PARSE	Parses text between single quotes.
Data Quality Core Bundle	PROJECT	Covers general, address, contact, corporate and product data. Copy the content of the bundle to a project or folder. Use the copies or update them as per the business requirement of the user. This bundle is updated from time to time, and modifications will not affect the changes that users make in the copied assets.
rs_check_input_is_not_null	RULE SPECIFICATION	Verifies if the input is null.
rs_convert_integers_to_date_time	RULE SPECIFICATION	Takes the date input fields and combine them to create a date; year, month, day, hour, minute, second, nanosecond. Minimum input require is year, month, day.
rs_convert_string_input_to_date_format	RULE SPECIFICATION	Takes an input string in the mm/dd/yyyy format and converts it to the date/time format.

Name	Asset Type	Description
rs_convert_to_lower_case	RULE SPECIFICATION	Converts input strings to lowercase.
rs_convert_to_sentence_case	RULE SPECIFICATION	Converts input strings to sentence case.
rs_convert_to_title_case	RULE SPECIFICATION	Converts input strings to title case.
rs_convert_to_toggle_case	RULE SPECIFICATION	Converts input strings to toggle case.
rs_convert_to_upper_case	RULE SPECIFICATION	Converts input strings to uppercase.
rs_extract_year_from_date	RULE SPECIFICATION	Returns the year from a date/time input in the format yyyy-mm-dd or yyyy-MM-dd HH:mm:ss.SSS.
rs_increment_date	RULE SPECIFICATION	Adds a number that you specify to the day, month, or year value in the date.
rs_join_two_inputs_with_dash	RULE SPECIFICATION	Merges two input strings into a single output, with a dash (-) as the join character.
rs_join_two_inputs_with_space	RULE SPECIFICATION	Merges two input strings into a single output, with a character space as the join character.
rs_join_two_strings	RULE SPECIFICATION	Concatenates two strings into a single string with no join character.
rs_null_check	RULE SPECIFICATION	Identifies null values in an input field. Returns 1 for a null value, and returns 0 if the input is not null.
rs_output_contents_of_selected_column	RULE SPECIFICATION	Returns a value from a string that contains multiple delimited values. The value is determined by an integer in the first input that the rule specifies.
rs_remove_custom_strings	RULE SPECIFICATION	Removes an input string that the rule specification logic specifies.
rs_remove_international_dialling_code	RULE SPECIFICATION	Removes international dialling code data from an input string.
rs_remove_leading_trailing_spaces	RULE SPECIFICATION	Removes spaces at the start and end of an input string.
rs_remove_multiple_spaces	RULE SPECIFICATION	Removes multiple character spaces from an input string.
rs_replace_custom_strings	RULE SPECIFICATION	Finds and replaces input strings that the rule specification logic specifies.

Name	Asset Type	Description
rs_return_greatest_across_column	RULE SPECIFICATION	Sorts a list of values in numerical order or alphabetical order and returns the highest value from the list. The values must be the same data type.
rs_return_lesser_across_columns	RULE SPECIFICATION	Returns the lesser of two values across two input fields on the same data row.
rs_return_string_length	RULE SPECIFICATION	Returns the number of characters in a string.
rs_reverse_string	RULE SPECIFICATION	Returns the characters and data in an input string in reverse order.
rs_Assign_DQ_Match_Code_Description	RULE SPECIFICATION	Returns the text description of a Match Code value that a verifier asset generates.
rs_ISO_Full_Country_Name	RULE SPECIFICATION	Returns the ISO country name for any country identifier in an input field.
rs_standardize_currency_inputs	RULE SPECIFICATION	Standardizes the currency symbol based on current symbol, three-letter code, or full currency name.
rs_truncate_decimal_value	RULE SPECIFICATION	Truncates a float data value to two decimal places. Does not perform rounding.
rs_update_to_last_day	RULE SPECIFICATION	Updates an input date in the format yyyy-mm-dd to the final day of the month. Returns the date in the format yyyy-mm-dd hh:mm:ss.s.
rs_use_dict_to_replace_custom_string	RULE SPECIFICATION	Cross-references the input values with entries in a specified dictionary and replaces them with a custom string.
rs_verify_date1_precedes_date2	RULE SPECIFICATION	Verifies that date1 precedes date2.
v_Global_AddressValidation_Hybrid	VERIFIER	Validates the deliverability of address records from multiple countries and corrects errors where possible. The asset is configured to read input address fields in a hybrid structure.

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