

# HRE –NAME STYLES - OVERVIEW

## Revision history

2018-06-03	Robin Lamacraft	Original draft
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## SCOPE

In HRE any object that may have a multi-part name (as do Persons, Locations and Sources) use Name Style definitions to define a series of file records that control the entry and retrieval of these name forms and variants of them. In HRE, a common set of tables are used for the definition of a Name Style. The user supplied object name variant data is stored in set of tables associated with the generic data object type. A Name Style is an ordered set of defined fields that allows the storage of the appropriate elements to compose variants of a name for output or for sorting objects by their name. Several Name Styles can be applied to the name data of the same sub-type, for example the way person naming conventions are used in different communities or the number and type of elements used in different location models between countries.

## NAME STYLE DEFINITIONS

HRE database table **162 NAME\_STYLE\_TYPE\_DEFNS** has one record for each Name Style Definition available for use in this Project. This record owns other records in tables

**163 NAME\_ELMNT\_INPUT\_DEFNS** and **166 NAME\_OUT\_TEMPLATE\_DEFNS** to complete a definition.

## INPUT FIELD DEFINITIONS

- Each Name Style has at least one, but usually many, labelled Name Elements
- These Name Elements are ordered over all Name Style Definitions for that specific type and sub-type combination. This ordering enables the sorting of data of the same type of object with different applied Name Style Definitions
- HRE maintains table **164 NAME\_ELMNT\_TYPE\_DEFNS** as a dictionary for these Labelled Name Elements for each object type and object sub-type combination. Within this dictionary, the elements for an object type and object sub-type combination are sequenced from most detailed to most general. This improves the sorting, comparison and consistency of data values
- The Labelled Name Element Dictionary provides label translation in the available languages
- A Name Style data Entry field list, a collection of records in table **163 NAME\_ELMNT\_INPUT\_DEFNS** a selection of elements from table **164 NAME\_ELMNT\_TYPE\_DEFNS** defines the set of fields in the Name Style Data
- Reuse of an existing labelled Name Element Type in a Name Style Data Entry list must mean that the entered data has the same meaning in context as its original definition, e.g. "City" should not be used if that element is not a city
- The user can create new entries in the correct sequence in the Labelled Name Element Type dictionary
- Once this Name Style Data Entry list has been defined, the display of appropriate records can be re-ordered to match the entry window's preferred element entry order
- HRE will provide an initial set of labelled Name Element Types for each use of a Name Style for an object type and object sub-type combination
- Each labelled Name Element Type has a data type and possibly formatting template.

## OUTPUT TEMPLATE DEFINITIONS AND THEIR USE

- Each Name Style Definition must have a number of standard Output Templates defined so that there is a consistent method to display an object name from any Name Style of that object type and sub type combination independent of the Name Style that was used. Some of these Output Templates are specifically not for human use but for computer use to sort these names according to the use of different elements. This is defined by records in table **165 NAME\_TEMPLATE\_TYPE\_DEFNS**
- Each Template Output Definition is a record in table **166 NAME\_OUT\_TEMPLATE\_DEFNS**
- There will be access to individual field by field entered data for filtering or substitution into a sentence, etc
- For some object type and sub type combinations there may be extra Output Templates defined. For example, Source Citation Output Templates can have templates that are defined for different Publishing Styles as records in table **159 PUBLISH\_TYPE\_DEFNS**
- To understand how an Output Template is defined and evaluated, please refer to the *Substitutions Overview* document for the Name Style Output Template definitions.