

HRE – EXTERNAL VALUE SUBSTITUTIONS - OVERVIEW

Revision history

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SCOPE

HRE uses markup syntax in a template to identify what should be substituted for that markup symbol. There are many types of action that are available within the markup system. This document only describes the replacement of that markup symbol by a value that has been externally retrieved and needs to be inserted when a template is being evaluated. This case particularly arises in notifications such as error and warning messages.

EXTERNAL DATA VALUE IDENTITY

In this case the string values are places in an array and the position for the value is identified by the position in that array.

SIMPLE EXAMPLE – “File named XYZ can’t be found in a folder PQR”

^^File named ^^~[.1^^file name^^.]~^^ can’t be found in folder ^^~[.2^^folder name^^.]~^^.^^

- The application code has already retrieved the 2 values by some means
- The API has 3 parameters,
 - the array of 3 integers that can identify a focus object (described in the *Retrieved Value Substitutions Overview*)
 - the PID of the substitution alias that acts as the template
 - the array of external values.
- In that template there are substitutions of the form ~[.n^^some text^^.]~ Where **n** is a positive integer that identifies which element in the API input external value string array is to be inserted at that point. The **some text** string is a reminder of what the parameter represents.

The above example sentence would be stored in table **878 (SUBSTN_OTHER_ALIASES)** as it’s head in that index and the body would be stored as one record in table **879 (SUBSTN_STEPS)**.