HRE – VIEWPOINTS – OVERVIEW

Revision history

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SCOPE

The data model within HRE lends itself to recording multiple inter-related sets of history data within one HRE Project. The user will want to set up different window collections for different views of each aspect of research and different window sets for particular workflow patterns. A VIEWPOINT is the HRE way of defining a layout of windows for a particular research type and a particular research activity. A VIEWPOINT is the definition of which windows are to be opened, where they are to be located, what they should be displaying and how they are to be automatically updating as the focus of this VIEWPOINT is changed by user actions.

VIEWPOINT DEFINITIONS

- Each VIEWPOINT definition is a record in table **303 VIEWPOINT_CONFIGS** where each Viewpoint configuration has its name and description. It specifies the region (area) on a computer screen that the Viewpoint will occupy
- The second Viewpoint table is **304 VIEWPOINT_ELEMENTS.** Each record in this table is owned by a record in table 303. But each record in table 304 represents a relative region within the allocated Viewpoint screen space. It holds the definition of the content of that space. However other table 304 records also owned by table 304 records higher up the list provide window definitions to further partition the space at each level. This nested structure allows for a tree of screens to occupy the whole VIEWPOINT space. Where a table 304 record specifies a window to be created, table 304 record references a record in table **305 GUI_SCREEN_CONFIGS** to obtain that window's internal configuration. These also specify where 2 windows of the same type exist which is to be updated automatically and which stay fixed to a user nominated object.