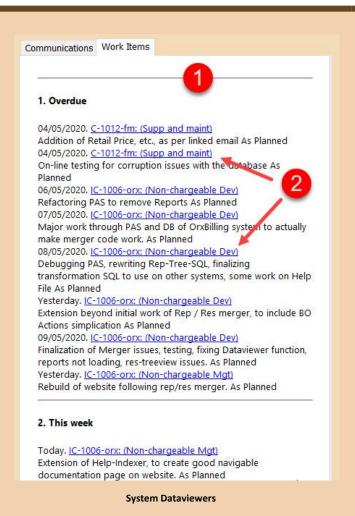# System Dataviewers: Lists of records in itemized lists

Orixa includes the ability to create user-interface elements that show lists of records which are not organized as grids, trees or edit windows. These "dataviewers" actually use HTML-formatting to display data which is returned (as with all Orixa App components) using SQL.

Click on any link in a data-viewer to open the linked record, or a list or grid of data.

System Dataviewers

Dataviewer showing data from the "WorkItems" data-table.

1. Within a dataviewer sections of data are separated by separators into different categories based in criteria you can set.

2. Data records are presented as free-flowing text. Clicking on the underlined blue link will open the record detailed in the dataviewer.

Data-viewers usually to link to a single BusinessObject, in which case clicking the link will automatically open one record. It is also possible for them to link to a variety of data tables, and to use them to show lists and charts.

If a Data-viewer **is** linked to a single BusinessObject then when you **right-click** on the viewer with the mouse any **Actions** for that BusinessObject will be listed in the menu-items that are displayed. This means that directly from the data-viewer it is possible to undertake specific actions.

The contents of data-viewers are controlled by SQL Scripts in the System Resources data-table. Your system administrator can adapt and develop data-viewers by changing the SQL Scripts that control them. This can allow the addition of extra useful information to a data-viewer without any complex programming.