ISWIKI

Data Quality Tools

Introduction

Data Quality Tools which can be accessed at DQTools [http://iis-app-01/DQTools] is the replacement for **RiO** of **CSDTools** the data quality management system for **ePEX**. **Data Quality Tools** consists of *aspx* pages with an underlying SQL Server 2008 database. Access permissions are controlled at the admin page DQTools/Admin [http://iis-app-01/DQTools/admin.aspx]

Functionality

The tool allows comparison of demographic data from RiO with demographic data from the national SCR system. The following data comparisons are available from the *Admin* tab:

- patients with a discrepancy for both address and GP practice
- patients with a date of death [http://is-wiki-01/dokuwiki/doku.php?id=rio:deceased_patients_and_dqtools] on the SCR not matched on RiO
- patients where the national system is unable to trace or confirm an NHS number
- patients with a discrepancy for GP practice only
- patients with a discrepancy for address only

With some modification, the tool could be used to audit other things such as the percentage of a cohort of records to have validated NHS numbers.

Auditing Records

Records with a discrepancy on the criteria(s) chosen can be viewed from the tab *Pending Issues* in *DQ Issues* and audited. After comparing the record on RiO and the SCR, RiO is updated, if and as appropriate, and an audit is made. There are a number of possible options but the main choices are:

- *Accept National* where the National System is right and RiO is updated
- *Accept Local* where the National System is wrong and RiO is unchanged
- *Investigate* for records which present difficulties which cannot be immediately resolved.

Free text comments such as *Already Updated* can be added if this is appropriate.

After updating the Audit screen and returning to the list, the audited record will have been removed from *Pending Issues*.

The Integration Tool

The Integration tool to achieve the above has been built and the documentation is available here

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