

# Libraries

In MONAHRQ, Libraries are high level UI groupings. There are four libraries built-in to MONAHRQ: Data Sets, Measures, Reports, Websites. They are defined by MONAHRQ in

`Monahrq\Views\LeftNavigationControl.xaml` and

`Monahrq\ViewModels\LeftNavigationViewModel.cs`, and cannot be modified without changing MONAHRQ itself.

The UI for each library is provided by a module in the Libraries directory of the source code.

Library navigation is provided by Prism's `IRegionManager`.

## Data Sets

The UI for the Data Sets Library resides in `Monahrq.DataSets`. The view model for the main Data Sets Library view is `MainDataSetViewModel`; this hosts a `DataSetListViewModel`, which allows data sets to be manipulated.

Related views and view models, including those for the standard data import wizard, may be found in the `Views` and `ViewModels` namespaces.

The view and view model for selecting datasets for inclusion in a website may be found in the `Monahrq.Websites` assembly.

## Measures

The UI for the Measures Library is in `Monahrq.Measures`.

`ManageMeasuresView` displays a list of all installed measures.

`ManageTopicsView` displays a list of all installed topics and topic categories, and enables manipulation of these collections.

`MeasureDetailViewModel` allows the Host User to edit details of a single measure; their edits are applied globally

## Reports

The UI for the Reports Library is in the `Monahrq.Reports` assembly.

The `MainReportsViewModel` lists all the reports installed in MONAHRQ.

## Websites

The UI for the Websites Library is in the `Monahrq.Websites` assembly. This assembly contains controls related to Websites as well as the Reports and Measures that they include.

The `WebsiteMeasuresViewModel` displays a list of all measures available for inclusion in the current website and allows the Host User to check measures to be included in the generated website.

The `WebsiteEditMeasureView` allows the Host User to edit details of a single measure; their edits are constrained to the current website.

The `WebsiteReportsViewModel` lists all reports available for the selected website. Reports are made available in this view by selecting the datasets that they require.

Some of the pages displayed by `WebsitePagesListViewModel` are derived from report definitions. See the `LoadAvailableWebsitePagesFromReports()` method source for more information.