Service Configuration Overview

Types

The resource system supports 3 general types of services:

Blue services can only be configured/created by a system administrator.

1. **Scheduled** - Services that have a start time and ending time for each use.
   1. **Per Hour** - Services that charge based on the duration of use
   2. **Per Run** - Services that charge the same amount per use regardless of duration
2. **Line Item** - Services that have a quantity and price per unit
   1. **Line Item** - A blank line item form that allows the submitter to specify all aspects of the order (Rates, Quantity, Descriptions). Note: Line Item services are forced to be "Manager Only" by system convention.
   2. **Order Form Template** - A pre-filled line item form that allows the submitter to specify just the desired quantities with all other information provided as a fixed submission.
   3. **Genome Processing** - A Sanger Genome Sequencing specialized BBSP variant. (highly customized submission system. Works with an outside processing script to provide quick-turn around file delivery of 96-Well Sanger Robotics results. Generates Line Item orders.
   4. **Black Box Sample Processing (BBSP)** - A generalized sample processing / submission system that includes file storage.Generates Line Item orders.
   5. **Mass Spectrometry Sample Processing (MSSP)** - A Mass Spectrometry specialized BBSP variant that generates line item orders.
   6. **FASTA Sample Processing (FASTA)** - A DNA Sequencing specialized BBSP variant that generates line item orders.
3. **Data Collection/Other** - Services that do not have a price but are instead for collecting data
   1. **Custom** - Links to a custom subsystem or ordering form. (Requires developer involvment)
   2. **Link** - A hyperlink to a fixed or outside page. Primarily used for linking to training or other informational documents
   3. **Data Form Template** - A configurable data collection form. Does not generate an order/charge.

4. **Walkup** - A cousin of the scheduled service, walkup services are services that record usage in real time and create a charge event based on the start and end times.

All service types except data collection services will generate an order record with associated events (scheduled) and line items. Services can be configured to automatically exclude created orders from the billing process if the services are provided for free.