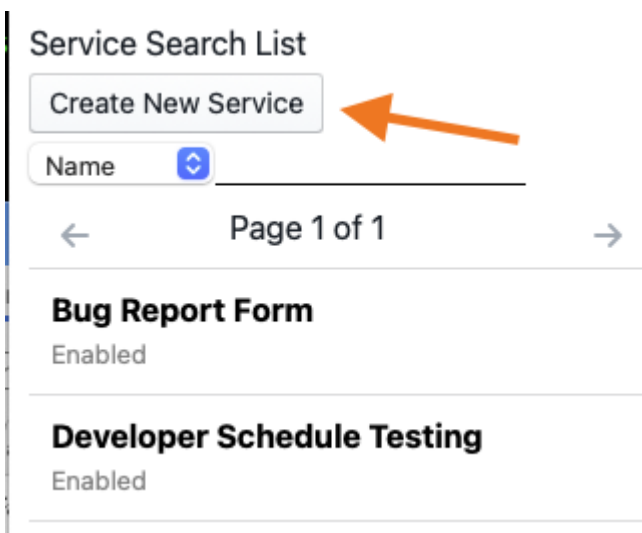


Data Collection Form Config

Black Box Sample Processing (BBSP) services for the resource system represent an order for services that have an item quantity and price per item. BBSP Services also include limited sample configuration and data storage ability.

Creating a new service

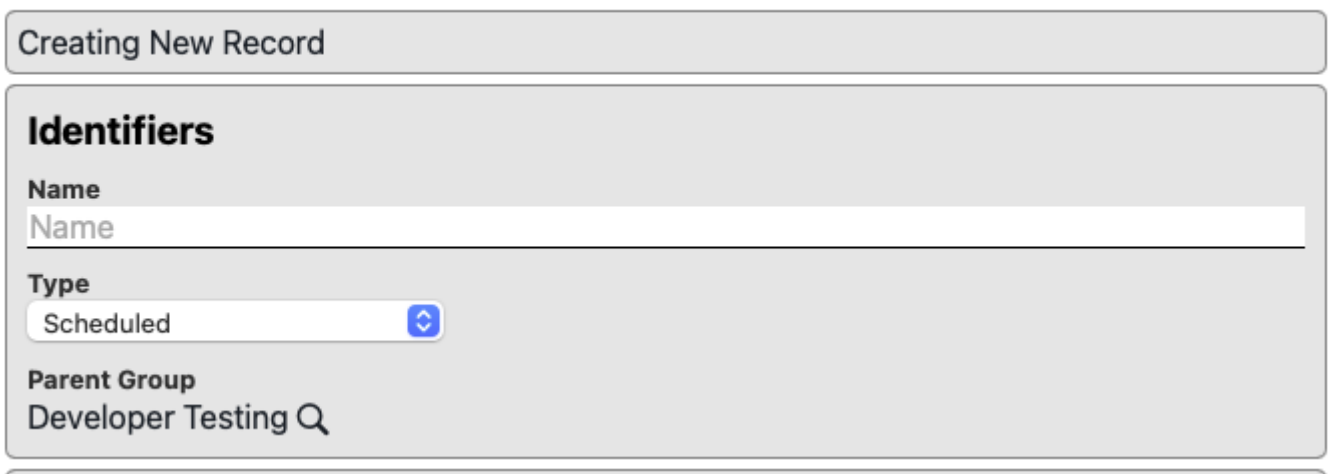
A new service can be created by clicking the "Create New Service" button located above the service list search box



The screenshot shows a web interface titled "Service Search List". At the top, there is a button labeled "Create New Service" which is highlighted by an orange arrow. Below the button is a search box with the placeholder text "Name" and a blue dropdown arrow. Below the search box, there is a pagination bar showing "Page 1 of 1" with left and right navigation arrows. Below the pagination bar, there is a list of services. The first service is "Bug Report Form" with a status of "Enabled". The second service is "Developer Schedule Testing" with a status of "Enabled".

Newly created services will not exist until saved after initial configuration. This means that some functionality that needs an id number such as creating service rates will not be available until the user click the "Save" button to save a newly created service.

Service Detail Editor



The screenshot shows a web interface titled "Service Detail Editor". At the top, there is a header bar labeled "Creating New Record". Below the header bar, there is a form titled "Identifiers". The form has three fields: "Name" with a text input field containing the placeholder "Name"; "Type" with a dropdown menu showing "Scheduled" and a blue dropdown arrow; and "Parent Group" with a text input field containing "Developer Testing" and a magnifying glass icon.

Identifiers

Service Detail Editor

Record ID
57

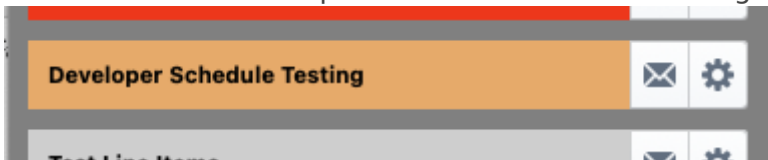
Identifiers
Name
Developer Schedule Testing
Type
Scheduled
Parent Group
Developer Testing

- **Record ID** - The system ID number identifying the service
- **Name** - The display name of the service in question.
- **Type** - The type of the service. Defaults to "Scheduled"
- **Parent Group** - The group to which this service belongs. Defaults to the currently active group but may be changed to any group that the creating user is listed as a manager for

Visuals

Visuals
Color
#f2a464
Display Weight (Higher # = Displayed Higher)
0

- **Color** - The color of the button to access the service as it appears in the group services list. This field will accept and valid CSS color in string format. Ex:



- **Display Weight** - How high in the list a service will be displayed. Higher values will display first. Ex: 10 will appear after 50
- **Display Path** - For facilities with large numbers of instruments / services it can be helpful to have some additional level of organization. The display path setting allows managers to organize services into folder style nested groupings. The convention follow standard unix pathing conventions. Ex: "/Microscopes/" will display the given service under an

expandable section with all other services that have the same configuration.

Contact Information

Contact Info
Location

Contact Email

All Events

Add Email

- **Location** - The location the service is located at. This field is optional and will display after the service name on the list of services
- **Contact Email** - The list of email addresses that should be send a notification message. The contact email list can be configured to send emails to any number of addresses. Generally this will be the email of the person or persons responsible for managing the instrument. Email contacts can be configured to receive emails on the following events:
 - **All Events** - Send a notification for form creation, deletion, and update actions
 - **Only Create** - Send a notification on form creation
 - **Only Update** - Send a notification on form update
 - **Only Delete** - Send a notification on form deletion
- **Note:** The contact email configuration does NOT override the general "Notification Verbosity" setting for the service. If a service is configured to suppress all notification messages then no emails will be sent regardless of the contact email configuration. Also note that Line Item orders only generate "Create" notifications.

General Config

General Config

Enabled

Notification Verbosity

Manager Only

Yes

All Actions

No

- **Enabled** - Whether this services is actively in use
 - Yes - Active
 - No - Inactive
 - Archived - Inactive and hidden from search list. (Used for removing services from general use and decluttering un-used service records
- **Notification Verbosity** - When to send notification emails for actions that occur on the service
 - No Messages - No notifications sent

- On Create - Only send order creation notifications
- On Delete Only - Only send event deletion notifications (Delete not applicable for Line Item Orders)
- On Create/Delete - Only order notification when an event is created or deleted (Delete not applicable for Line Item Orders)
- All Messages - Send notification for all event creation, update, and delete actions (Delete and Update not applicable for Line Item Orders)
- **Manager Only** - Controls if service is visible/available to all users of a facility or just facility managers

Tags

Tags

Tag strings used by the system for categorization and certain actions. No special tags are defined for services at this time.

Form Configuration Manager

Custom data collection forms can be configured to collect any desired data including digital signatures from submitters.

Custom Form Configuration Manager

General

Title (required)

Allow Editing (required)

☐ Yes (all)
 ☐ Yes (Received Only)
 ☒ No

Current Fields

Type	bug_type	Multi-Select	<input type="button" value="Up"/> <input type="button" value="Down"/> <input type="button" value="Copy"/> <input type="button" value="Remove Field"/>
Issue Description	issue_description	Text Area	<input type="button" value="Up"/> <input type="button" value="Down"/> <input type="button" value="Copy"/> <input type="button" value="Remove Field"/>
Steps to Reproduce	steps_to_reproduce	Text Area	<input type="button" value="Up"/> <input type="button" value="Down"/> <input type="button" value="Copy"/> <input type="button" value="Remove Field"/>

Add New Field

Field Label...	Data Key...	Text Field	<input type="button" value="+ Add Field"/>
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1. **Title** - The title of the form

2. Allow Editing

1. **Yes (all)** - Allow users to edit form submissions after submission
 2. **Yes (Recieved Only)** - Allow users to edit form submission as long as they are in the "Received" state
 3. **No** - Disallow form editing after submission
3. **Current Fields** - Control and edit the forms for this data collection form

Type bug_type Select Remove Field

1. **Label Field** - Used to set the name of the field
2. **Data Key Field** - Defines the name of the storage variable. Should be unique across all fields
3. **Field Type Selector**
 - **Markdown Block** - Display a markdown formatted section of text
 - **Text Field** - Single Line Text Field
 - **Text Area** - Multi-line text field
 - **Number** - Floating point number field
 - **Select** - Single Item select
 - **Multi-Select** - multiple item select
 - **Section Divider** - Section Divider with or without title
 - **Signature Block** - Email target for signature request
4. **Field Details/Config Button** - Displays field type configurations
 - **Markdown Block**

A screenshot of a 'Block Content' dialog box. The dialog has a light blue header with the title 'Block Content' in bold. Below the header, the text 'Markdown Formatted Text' is displayed. The main area of the dialog is a large white rectangle containing the text 'Static Markdown Formatted Content'. At the bottom left of the dialog, there is a blue button with the text 'Close'.

- **Text Field** - Single Line Text Field

- **Text Area** - Multi-line text field
- **Number** - Floating point number field

Field Settings

Helper Text

What part of the system did the bug occur in?

Required?

☐ No ☐ Yes

Minimum Value (Number Fields Only)

Clear ^ v

Maximum Value (Number Fields Only)

Clear ^ v

Close

- **Select** - Single Item select

- **Multi-Select** - multiple item select

Field Settings

Helper Text

What part of the system did the bug occur in?

Required?

☐ No ☐ Yes

Editing Options for Type (bug_type)

Event/Scheduler	scheduler	<div><div>^</div><div>v</div></div>	<div>— Remove Option</div>
Line Item	line_item	<div><div>^</div><div>v</div></div>	<div>— Remove Option</div>
Charge Account	account	<div><div>^</div><div>v</div></div>	<div>— Remove Option</div>

Add New Option

Option Label...

Option Value...

+ Add Option

Close

- **Section Divider** - Section Divider with or without title
- **Signature Block** - Email target for signature request

5. **Move Field Up** - Alters display position of field
6. **Move Field Down** - Alters display position of field
7. **Copy Field Button**
8. **Remove Field Button**