

fn-task-utils Functions for IBM Resilient

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Overview

Resilient Circuits Components for 'fn_task_utils'

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Workflow Name	Description	Object Type	Rules	
Example: Task Utils - Add Note to Task	An example workflow which takes a Task's ID and adds either a new text or richtext note to that task.	Incident	Example: Task Utils - Add Note to Task	
Example: Task Utils - Close Task	An example workflow which takes a Task name from an activity field and attempts to close the task.	Incident	Example: Task Utils - Close Task	
Example: Task Utils - Create Custom Task	An example workflow used to demonstrate how you can create a custom task using the Task Utils Integration. This example workflow shows how you can use the Pre-Processing script to prepare a custom JSON Payload based on your use case.	Incident	Example: Task Utils - Create Custom Task	
Example: Task Utils - Mark Task a Optional	An example workflow which is invoked on a Task object setting its Required attribute to false.	Task	Example: Task Utils - Make this Task Optional	

Resilient Circuits Components which can be used to manipulate existing tasks or create new ones. Provides functions which can be invoked through standalone example rules or can be integrated as part of a custom workflow

Key Features

- Create or Update tasks as a part of workflow.
- Add Notes to tasks from an integration to provide updates as actions are performed

- Ability to close either System or Custom tasks

Requirements

- IBM Resilient >= **v31.0.4235**
- An Integrations Server running **resilient-circuits** >= **v31.0.0**
 - To setup an Integrations Server see: ibm.biz/res-int-server-guide

Installation

- Download the **fn_task_utils.zip**
- Copy the **.zip** to your Integrations Server and SSH into it.
- **Unzip** the package:

```
$ unzip fn_task_utils-x.x.x.zip
```

- **Install** the package:

```
$ pip install fn_task_utils-x.x.x.tar.gz
```

- Import the **configurations** into your app.config file:

```
$ resilient-circuits config -u
```

- Import the fn_task_utils **customizations** into the Resilient Appliance:

```
$ resilient-circuits customize -y -l fn-task-utils
```

- Open the config file, scroll to the bottom and edit your fn_task_utils **configurations**:

```
$ nano ~/.resilient/app.config
```

Config	Required	Example	Description
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- **Save** and **Close** the app.config file.
- [Optional]: Run **selftest** to test you the Integration is configured:

```
$ resilient-circuits selftest -l fn-task-utils
```

- **Run** resilient-circuits or restart the Service on Windows/Linux:

```
$ resilient-circuits run
```

Uninstall

- SSH into your Integrations Server
- **Uninstall** the package:

```
$ pip uninstall fn-task-utils
```

- Open the config file, scroll to the [fn_task_utils] section and remove the section or prefix **#** to comment out the section.
- **Save** and **Close** the app.config file.

Troubleshooting

There are several ways to verify the successful operation of a function.

Resilient Action Status

- When viewing an incident, use the Actions menu to view **Action Status**.
- By default, pending and errors are displayed.
- Modify the filter for actions to also show Completed actions.
- Clicking on an action displays additional information on the progress made or what error occurred.

Resilient Scripting Log

- A separate log file is available to review scripting errors.
- This is useful when issues occur in the pre-processing or post-processing scripts.
- The default location for this log file is: **/var/log/resilient-scripting/resilient-scripting.log**.

Resilient Logs

- By default, Resilient logs are retained at **/usr/share/co3/logs**.
- The **client.log** may contain additional information regarding the execution of functions.

Resilient-Circuits

- The log is controlled in the `.resilient/app.config` file under the section [resilient] and the property `logdir`.
 - The default file name is `app.log`.
 - Each function will create progress information.
 - Failures will show up as errors and may contain python trace statements.
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Support

Name	Version	Author	Support URL
fn_task_utils	1.0.0	Resilient Labs	http://ibm.biz/resilientcommunity