SOP - Running simple workflow with CWL

Skyport 2

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Version: 1.0

Audience:
This document is intended for users who are familiar with docker and git.

Requirements:
- git
- cwl-runner
- docker

Known limitations:
- may not work with less than 8GB of memory

Introduction:

This SOP describes the steps necessary to run a demo workflow from the **skyport2** repository

SOP:

1. `git clone --recursive` https://github.com/MG-RAST/skyport2.git
2. Change into cloned repository:
   `cd Skyport2/CWL`
3. `mkdir -p tmp`
4. `cwl-runner --tmp-outdir-prefix ` `pwd` `/tmp/ Workflows/simple-bioinformatic-example.cwl Workflows/simple-bioinformatic-example.job.yaml`