Resource Summary Report

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Yabi

RRID:SCR_005359
Type: Tool

Proper Citation

Yabi (RRID:SCR_005359)

Resource Information

URL: https://ccg.murdoch.edu.au/yabi/login/?next=/yabi/

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Description: A web-based analytical environment framework for bioinformatics applications that can be customized for a diverse range of -omics applications. The software system is adaptable to a range of both pluggable execution and data backends in an open source implementation. Enabling seamless and transparent access to heterogenous HPC environments at its core, it then provides an analysis workflow environment that can create and reuse workflows as well as manage large amounts of both raw and processed data in a secure and flexible way across geographically distributed compute resources. Yabi can be used via a web-based environment to drag-and-drop tools to create sophisticated workflows. It can also be accessed through the Yabi command line which is designed for users that are more comfortable with writing scripts or for enabling external workflow environments to leverage the features in Yabi. Configuring tools can be a significant overhead in workflow environments. Yabi greatly simplifies this task by enabling system administrators to configure as well as manage running tools via a web-based environment and without the need to write or edit software programs or scripts.

Abbreviations: Yabi

Resource Type: service resource, software resource

Defining Citation: PMID:22333270

Keywords: grid computing, high performance computing, cloud computing, bioinformatics, pipeline, workflow, command line, python, linux, storage, compute, genomics, transcriptomics, proteomics, bio.tools

Availability: GNU General Public License, v3

Resource Name: Yabi

Resource ID: SCR_005359

Alternate IDs: OMICS_01148, biotools:yabi

Alternate URLs: https://bio.tools/yabi

Record Creation Time: 20220129T080229+0000

Record Last Update: 20260905T133235+0000

Ratings and Alerts

No rating or validation information has been found for Yabi.

No alerts have been found for Yabi.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.