

# Resource Summary Report

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## Yabi

RRID:SCR\_005359

Type: Tool

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### Proper Citation

Yabi (RRID:SCR\_005359)

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### Resource Information

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

**Proper Citation:** Yabi (RRID:SCR\_005359)

**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:** 20260815T182932+0000

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## Ratings and Alerts

No rating or validation information has been found for Yabi.

No alerts have been found for Yabi.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.