



A quick summary of the journey of ATLAS

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(on behalf of ATLAS workgroup)



Thank you to the ATLAS team!





ATLAS 2.7.3 released!

OHDSI / Atlas

Unwatch 68 Star 95 Fork 59

Code Issues 220 Pull requests 13 Projects 0 Wiki Security Insights Settings

Releases Tags

Draft a new release

Latest release

v2.7.3
8d1f191

Atlas Version 2.7.3

wivern released this 19 days ago

Fixes

- Cohort Definition
 - Fixed title for Cohort Definition page (#1955)
 - Fixes TZ in Cohort definitions list created / updated fields (#1986)
 - Fixes issue with saving concept set modification in cohort definition (#1948)
 - Adjust getCohortDefinition() to handle string expression (#1992)
- System
 - Fixed issue with table not updated when adding group to role (#1952)
 - Fixed import/export of roles (#1958)
 - Changed call from /refresh to /me endpoint in case of IAP Provider (#1967)

Assets 2

- Source code (zip)
- Source code (tar.gz)



... along with WebAPI 2.7.3

OHDSI / WebAPI

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Releases Tags

Draft a new release

Latest release

v2.7.3
9d9a9db

WebAPI v2.7.3

wivern released this 19 days ago

Edit

Fixes

- Cohort Definition
 - Fix compatibility of /cohortdefinition/{id} endpoint (#1229)
 - Fixed saving of Cohort Definitions when criteria requiring narrower CDM range are added (#1263)
- Cohort Characterization
 - Fixes characterization analysis failed on Impala (#1270)
- Cohort Pathways
 - Fixes failed Cohort Pathways on Impala (#1274)
- Incidence Rates
 - Removed produces annotation + minor improvements (#1232)
- Estimation/Prediction
 - Fixed negative controls calculation fails in PLE for Impala (#1283)
 - Fixes masquerading of credentials in PLE / PLP results (#1254)
- Security
 - Removed legacy service which exposed server side request forgery issue (#1236)
 - Added handlers for unexpected errors (#1235)
 - Added client cache directives to response header (#1234)
- System
 - Automatic invalidation for Execution Engine jobs (#1268)
 - Align required Impala driver version to installed version. Make them consistent with README (#1282)



Where can I learn more on ATLAS?

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Anthony Sena edited this page on May 30 · 7 revisions

ATLAS

ATLAS is a free, publicly available web-based, open-source software application developed by the OHDSI community to support the design and execution of observational analyses to generate real world evidence from patient level observational data. Atlas is an open science analytics platform that can be installed locally within your institution to perform analyses across one or more observational databases which have been standardized to the [OMOP Common Data Model V5](#) and can facilitate exchange of analysis designs with any other organizations across the OHDSI community who have adopted the same open science community standards and tools.

For an overview of ATLAS, please checkout the following video:

Setup & Configuration

Please note: [Google Chrome](#) (v63 or higher) is the recommended browser for ATLAS.

- [ATLAS Setup Guide](#)

Pages 16

Setup

- [Atlas Setup Guide](#)

Tutorials

- [Data Sources](#)
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- [How to Contribute](#)

Clone this wiki locally

<https://github.com/OHDSI/Atlas>

<https://github.com/OHDSI/Atlas/wiki>



Where can I play with ATLAS?

- [Atlas.ohdsi.org](https://atlas.ohdsi.org) : security-enabled environment for protected sharing of OHDSI network study artifacts
- [Atlas-demo.ohdsi.org](https://atlas-demo.ohdsi.org) : unprotected sandbox to play with ATLAS features against simulated data
- [Atlas-qc.ohdsi.org](https://atlas-qc.ohdsi.org) : will be used to enlist community support in testing future candidate releases



ATLAS 2.8 roadmap

Areas of focus:

- performance optimization
 - improving our development/test maturity
 - Increased documentation to support user adoption
-
- Target release: Dec 2019



ATLAS 2.8 development tasks

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V2.8.0 - Backlog

No due date 36% complete

"Bug free + optimized performance"

90 Open ✓ 52 Closed

- Included concept status not changed after optimization** bug vocab/conceptset
#2003 opened 21 days ago by wivern
- Enhancement to User Guide:** enhancement wiki
- [Bug] Estimation module - Outcome model settings** bug estimation 1
- Include Atlas Tests in repository** enhancement system
- Record count source selection not honored** bug system
- OpenID login requires 2x login attempts** bug system
- Cohort Pathways - Download pathways data** Pathways enhancement 1
- Prediction user interface changes** enhancement plp



ATLAS 3.0 roadmap

Areas of focus:

- Back-end re-factoring to enable more developer contributions
 - New analytic features
 - Improved user experience
-
- Target start: 1Q2020
-



ATLAS 3.0 development 'wishlist'

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V3.0.0. "Atlas 3.0"

No due date 3% complete
Support CDM v6.x

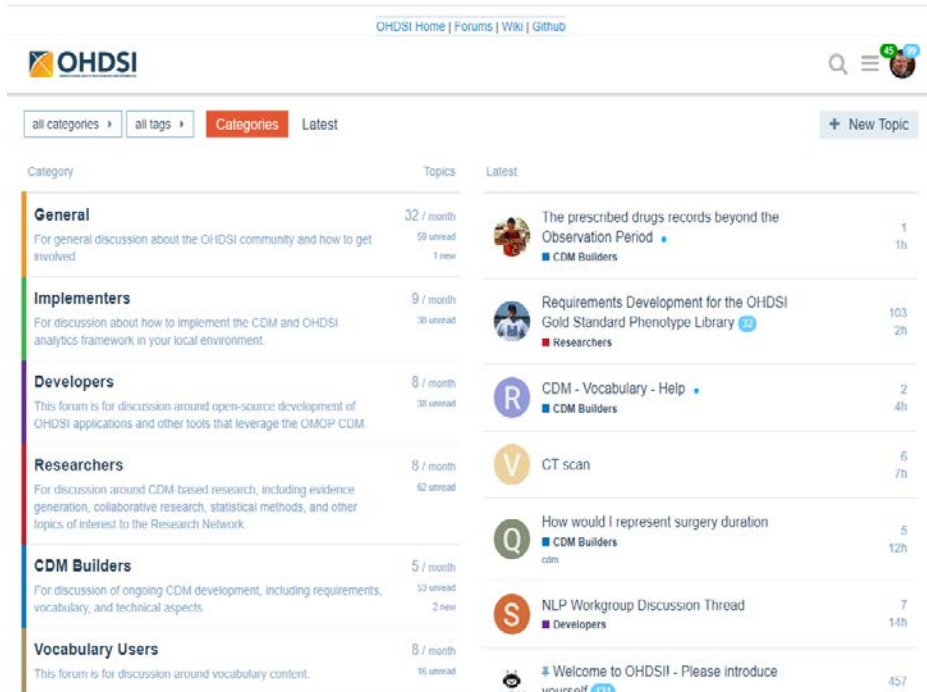
120 Open 4 Closed

- Cohort definition Ux comment, red x for removing attributes confusing to a user** cohort  7
#1999 opened 22 days ago by pbr6cornell
- Cohort definition enhancement - ability to study multiple exposures in a single day** cohort enhancement  1
#1980 opened on Jul 25 by kmkostka
- Errors should be logged and searchable** enhancement system 
- Add UUID to Cohort Definitions** cohort enhancement  48
#496 opened on Oct 27, 2017 by jduke99
- Annotation Widget Proposal - ATLAS** Proposal  1
#958 opened on Oct 3, 2018 by CodeSchneider
- expose concept set sql through concept set UI** enhancement vocab/conceptset  1
#247 opened on Sep 24, 2016 by fdefalco
- Display rule drill down SQL once a heel rule detects an DQA issue** data sources enhancement heel  1
#266 opened on Oct 19, 2016 by vojtechuser

How to join the journey with ATLAS?

Questions for discussion/debate?








Bugs to fix or features to develop?



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OHDSI

all categories | all tags | Categories Latest | + New Topic

Category	Topics	Latest
General For general discussion about the OHDSI community and how to get involved.	32 / month 59 unread 1 new	 The prescribed drugs records beyond the Observation Period ■ CDM Builders 1 1h
Implementers For discussion about how to implement the CDM and OHDSI analytics framework in your local environment.	9 / month 30 unread	 Requirements Development for the OHDSI Gold Standard Phenotype Library ■ Researchers 103 2h
Developers This forum is for discussion around open-source development of OHDSI applications and other tools that leverage the OMOP CDM.	8 / month 30 unread	 CDM - Vocabulary - Help ■ CDM Builders 2 4h
Researchers For discussion around CDM-based research, including evidence generation, collaborative research, statistical methods, and other topics of interest to the Research Network.	8 / month 62 unread	 CT scan 6 7h
CDM Builders For discussion of ongoing CDM development, including requirements, vocabulary, and technical aspects.	5 / month 53 unread 2 new	 How would I represent surgery duration ■ CDM Builders 5 12h
Vocabulary Users This forum is for discussion around vocabulary content.	8 / month 16 unread	 NLP Workgroup Discussion Thread ■ Developers 7 14h
		 Welcome to OHDSI! - Please introduce yourself ■ 471 457 ...

ATLAS



ATLAS is an open source software tool for researchers to conduct scientific analyses on standardized observational data converted to the OMOP Common Data Model V5. Researchers can create cohorts by defining groups of people based on an exposure to a drug or diagnosis of a particular condition using healthcare claims data. ATLAS has vocabulary searching of medical concepts to identify people with specific conditions, drug exposures etc. Patient profiles can be viewed within a specific cohort allowing visualization of a particular subject's health care records. Population effect level estimation analyses allows for comparison of two different cohorts and leverages R packages.

Resources

- [Atlas \(ohdsi.org\)](https://atlas.ohdsi.org) Please note: Google Chrome is the recommended browser for ATLAS.
- [Documentation](#)
- [Releases](#)

Technology

ATLAS is built using HTML, CSS and Knockout JavaScript. For more information on using Atlas, please refer to the [setup guide](#).

Dependencies

- [WebAPI](#)

Getting Involved

- Developer questions/comments/feedback: [OHDSI Forum](#)
- We use the [GitHub issue tracker](#) for all bugs/issues/enhancements

License

ATLAS is licensed under Apache License 2.

<https://forums.ohdsi.org/c/developers>

<https://github.com/OHDSI/Atlas>