

GRDI-AMR New Term Request SOP 1.2

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Introduction

Data standards are living specifications and according to best practices, should evolve over time in order to be fit-for-purpose. To better harmonize information collected in the Canadian Antimicrobial Resistance Genomics Research and Development Initiative (AMR-GRDI) template, pick lists of ontology-based vocabulary have been provided for many of the fields based on real datasets and user requests. These pick lists reflect data needs at a snapshot in time and will need to be updated periodically and version-controlled.

Versioned templates and associated reference guides and SOPs are available at the GRDI-AMR GitHub repository under a MIT Data Use License (unrestricted use).

While ontology look-up services are available online for users to identify additional terms they would like to use, pilot implementations suggest that unrestricted term additions create variability and uncertainty in the specification, as well as unnecessary burden on curators. As a result, a New Term Request System has been put in place so that users can request new fields and terms which will be processed by the Centre for Infectious Disease Genomics and One Health (CODGOH, Simon Fraser University) curation team on an ongoing basis.

If a desired term cannot be found in a pick list, new terms can be requested by guidelines outlined below. Any question about this process should be directed to Dr. Emma Griffiths at ega12@sfu.ca.

Specification Issue Requests

When you would like to request new standardized terms for the AMR-GRDI specification, please use one of the following GitHub templates in the table below. You may need to refer to the [GRDI Master-Reference-Guide](#) to help complete your term requests (e.g., to check a field name or if a picklist item already exists).

For guidance and descriptions of term request annotations, refer to [Appendix - A](#)

If you do not currently have a GitHub account, refer to [Appendix - B](#)

Form Label	Request	Link to Request Form
Specification - Field Change Request	Change request/issue with existing field class	https://github.com/cidgoh/GRDI_AMR_One_Health/issues/new?assignees=&labels=field+request%2C+NTR&template=specification---change-field-request.md&title=CFR%3A+%5Blist+term+label%28s%29%5D
Specification - Term Change Request	Change request/issue with existing picklist term	https://github.com/cidgoh/GRDI_AMR_One_Health/issues/new?assignees=&labels=CTR&template=specification---change-term-request.md&title=CTR%3A+%5Blist+term+label%28s%29%5D
Specification - New Term Request	1-5 new picklist terms	https://github.com/cidgoh/GRDI_AMR_One_Health/issues/new?assignees=&labels=&template=specification---new-term-request.md&title=NTR%3A+%5Blist+term+label%28s%29%5D
Specification - New Term Request (Bulk)	>= 5 new picklist terms	https://github.com/cidgoh/GRDI_AMR_One_Health/issues/new?assignees=&labels=NTR&template=specification---new-term-request--bulk-.md&title=NTR%3A+%5Bbriefly+describe+bulk+term+request%5D

Specification - Change Field Request
An issue template for submitting field change requests.

Get started

Specification - Change Term Request
An issue template for submitting term change requests.

Get started

Specification - New Term Request (Bulk)
For making large batches for term new requests all at once.

Get started

Specification - New Term Request
An issue template for submitting new term requests.

Get started

Don't see your issue here? [Open a blank issue.](#)

GitHub Issue Requests

GitHub shows you your issue request in Markdown, which it then converts to normal text when “published” to the issue thread. You do not need to use markdown in your request.

Markdown View	Published Preview / View
<div>NTR: [list term label(s)]</div> <div>Write Preview</div> <div>H B I </div> <div><You may request multiple terms in a single issue. Delete the fields irrelevant to your request.></div> <div>## New Picklist Term(s)</div> <div>### REQUIRED:</div> <div>Associated Field(s):</div> <div>Term Label:</div> <div>Definition/Description: <Can be a brief description to help curators differentiate your intended term from other meanings.></div> <div>### OPTIONAL:</div> <div>Definition Source:</div> <div>Synonyms or alternative labels:</div> <div>Attach files by dragging & dropping, selecting or pasting them.</div> <div> Styling with Markdown is supported</div> <div>Submit new issue</div>	<div>NTR: [list term label(s)]</div> <div>Write Preview</div> <div>New Picklist Term(s)</div> <div>REQUIRED:</div> <div>Associated Field(s):</div> <div>Term Label:</div> <div>Definition/Description:</div> <div>OPTIONAL:</div> <div>Definition Source:</div> <div>Synonyms or alternative labels:</div> <div>Additional Comments (not an annotation):</div> <div>Contributor Attribution:</div> <div> Styling with Markdown is supported</div> <div>Submit new issue</div>

If you would like to see a preview of what you are going to publish, you can switch views to “Preview” to see the polished version, and then switch back to “Write” to continue with the Markdown editor.

Markdown	Published View
Write	Preview
<div>Aa v </div> <div>H B I </div>	

Red box shows common formatting options that can be applied to selected/highlighted text.

Field Change Request

An [issue template](#) for submitting field change requests. You can also make new field requests using this template, just indicate so if you do.

Issue Template	Example
<div><div>CFR: host (food production name)</div><div><div>Write</div><div>Preview</div></div><div><div>H B I </div><div><p><You may request multiple fields in a single issue. Delete the information irrelevant to your request.></p><p>## Field Change Details</p><p>### REQUIRED - Current Field Information:</p><p>Field Label:</p><p>Associated Field Category/Tab: <eg Host Information></p><p>Ontology ID or PURL: <Can be found in the reference guides.></p><p>### CHANGE REQUESTS:</p><p>Associated Field Category/Tab: host_information</p><p>Label: host (food production name)</p><p>Definition/Description:</p><p>Synonyms or alternative labels: host (food product stage name)</p><p>Attach files by dragging & dropping, selecting or pasting them.</p></div><div><div> Styling with Markdown is supported</div><div>Submit new issue</div></div></div></div>	<p>Issue Title: CFR: host (food production name)</p> <hr/> <p>REQUIRED - Current Field Information:</p> <p>Associated Field Category/Tab: Host Information</p> <p>label: host (food production name)</p> <p>CHANGE REQUESTS:</p> <p>Definition:</p> <p>Definition Source:</p> <p>Synonyms or alternative labels:</p> <p>host (food production stage name)</p> <p>Guidance:</p> <p>Additional Comments (not an annotation): Alternative label needed to to match with hit with field name utilized at <insert pretend institution/laboratory here>.</p> <p>Contributor Attribution:</p> <p>https://orcid.org/0000-0002-1825-0097</p>

** Not a real issue request - example just for demonstration.*

Term Change Request

An [issue template](#) for submitting term change requests.

Issue Template	Example
<div><div>CTR: [list term label(s)]</div><div><div>Write</div><div>Preview</div></div><div><div>H B I @ </div><div><p><You may request multiple terms in a single issue. Delete the fields irrelevant to your request.></p><p>## New Picklist Term(s)</p><p>### REQUIRED - Current Term Information:</p><p>Associated Field(s):</p><p>Term Label:</p><p>Ontology ID or PURL:</p><p>### CHANGE REQUESTS:</p><p>Associated Field(s):</p><p>Term Label:</p><p>Definition/Description:</p><p>Synonyms or alternative labels:</p><p>Additional Comments (not an annotation):</p><p>Attach files by dragging & dropping, selecting or pasting them.</p><div> Styling with Markdown is supported</div><div>Submit new issue</div></div></div></div>	<p>Issue Title: CTR: hen</p> <hr/> <p>REQUIRED - Current Term Information:</p> <p>Associated Field(s): host (food production name)</p> <p>Term Label: hen</p> <p>Ontology ID or PURL: FOODON:00003282, http://purl.obolibrary.org/obo/FOODON_00003282</p> <p>CHANGE REQUESTS:</p> <p>Associated Field(s):</p> <p>Term Label:</p> <p>Definition: An adult female chicken.</p> <p>Definition Source: https://en.wikipedia.org/wiki/Hen</p> <p>Synonyms or alternative labels: female chicken</p> <p>Additional Comments (not an annotation):</p> <p>Contributor Attribution:</p> <p>https://orcid.org/0000-0002-1825-0097, https://orcid.org/0000-0002-1107-9135</p>

** Not a real issue request - example just for demonstration.*

New Term Request

An [issue template](#) for submitting term change requests.

Before you make a new term request, we recommend you check whether it already exists within another picklist in the “[Term Reference Guide](#)”. If you find a matching term, remove the regular text fields and just indicate the “Label”, ontology ID (unless unavailable), the field you want it listed under (i.e, “Associated Field(s)), and a comment indicating this is the reuse of an existing specification term.


Issue Template	Example
<div><div>NTR: [list term label(s)]</div><div><div>Write</div><div>Preview</div></div><div><div>H B I [list bulleted] [list numbered] [list none] @ [link] [image] [undo]</div><div><You may request multiple terms in a single issue. Delete the fields irrelevant to your request.></div><div>## New Picklist Term(s)</div><div>### REQUIRED:</div><div>Associated Field(s):</div><div>Term Label:</div><div>Definition/Description: <Can be a brief description to help curators differentiate your intended term from other meanings.></div><div>### OPTIONAL:</div><div>Definition Source:</div><div>Synonyms or alternative labels:</div><div>Additional Comments (not an annotation):</div><div>Contributor Attribution: <ORCID is preferred></div><div><Contributor information is added the the term when</div><div>Attach files by dragging & dropping, selecting or pasting them.</div><div>Styling with Markdown is supported</div><div>Submit new issue</div></div></div>	<p>Issue Title: NTR: nasopharynx</p> <hr/> <p>REQUIRED:</p> <p>Associated Field(s): anatomical_part</p> <p>Term Label: Nasopharynx</p> <p>Definition/Description: The section of the pharynx that lies above the soft palate.</p> <p>OPTIONAL:</p> <p>Definition Source:</p> <p>http://www.informatics.jax.org/accession/cwg</p> <p>Synonyms or alternative labels: NP</p> <p>Additional Comments (not an annotation): <description of usage within a sample plan></p> <p>Contributor Attribution:</p> <p>https://orcid.org/0000-0002-1825-0097</p>

* Not a real issue request - example just for demonstration.


Example of complete specification NTR thread on GitHub:

https://github.com/cidgoh/GRDI_AMR_One_Health/issues/1

NTR: nasopharynx #20


 **Open**

cmrn-rhi opened this issue 1 minute ago · 1 comment



cmrn-rhi commented 1 minute ago

Member

 ...


New Picklist Term(s)


REQUIRED:

Associated Field(s): anatomical_part
Term Label: Nasopharynx
Definition/Description: The section of the pharynx that lies above the soft palate.

OPTIONAL:

Definition Source:
<http://www.informatics.jax.org/accession/cwg>
Synonyms or alternative labels: NP
Additional Comments (not an annotation): *description of usage within a sample plan*
Contributor Attribution: <https://orcid.org/0000-0002-1825-0087>




 cmrn-rhi added

NTR **example**

labels


1 minute ago




cmrn-rhi commented now

Member

Author









 ...

This is a pretend/example new term request.





Write


Preview

H B I   <>     @  

Leave a comment

Attach files by dragging & dropping, selecting or pasting them. 

 Close issue

 Comment

New Term Request (Bulk)

An [issue template](#) for submitting term change requests.

Before you make a new term request, we recommend you check whether it already exists within another picklist in the “[Term Reference Guide](#)”. If you find a matching term, remove the regular text fields and just indicate the “Label”, ontology ID (unless unavailable), the field you want it listed under (i.e., “Associated Field(s)”), and a comment indicating this is the reuse of an existing specification term.

Issue Template	Preview
<div><div>NTR: [briefly describe bulk term request]</div><div><div>Write</div><div>Preview</div></div><div><div>H B I </div><div># AMR-GRDI Specification - Bulk New Term Request (NTR) Please make a copy of the following template [AMR-GRDI Bulk NTR <issue #>] (https://docs.google.com/spreadsheets/d/1eaRqHtr6PvZRalfWQ6wUfLyXdIhKCCUnsvLhykV1zbw/copy) and include it here as a viewable/comment-able link. Replace <issue #> in the spreadsheet title with the number of this issue. Attach files by dragging & dropping, selecting or pasting them. Styling with Markdown is supported</div><div>Submit new issue</div></div></div>	<p>Issue Title: NTR: [briefly describe bulk term request]</p> <hr/> <p>Please make a copy of the following template AMR-GRDI Bulk NTR <issue #> and include it here as a viewable/comment-able link.</p> <p>Replace <issue #> in the spreadsheet title with the number of this issue.</p>

** Not a real issue request - example just for demonstration.*

When you follow the [AMR-GRDI Bulk NTR <issue #>](#) link you will be taken to:



Select “Make a Copy” and you will see the following spreadsheet:

Copy of AMR-GRDI Bulk NTR <issue #> ☆ 📄 🔗										
File Edit View Insert Format Data Tools Extensions Help Last edit was seconds ago										
90% 123 \$ % .0 .00 🔍 Default (Ari... 10 B I A 🔗 📄 📊 🔍 Σ										
34	fx									
	A	B	C	D	E	F	G	H	I	J
1	Bulk New Term Request (NTR) Submit as an issue here: https://github.com/cidgoh/GRDI_AMR_One_Health/issues									
2	Term Requested	Ontology ID	Comments / Notes	Fields (where you want term to appear)	definition / description	definition source	synonyms	example of usage	contributor	database cross reference
3	IGNORE THIS ROW	ID			AL IAO:0000115@en	IAO:0000119 SPLIT=		A IAO:0000112	A dc:contributor SPLIT=	plnOwl:hasDbXref SP
4	Food (raw)		EXAMPLE	food_product_properties	A food material that has not been cooked.		raw food		https://orcid.org/0000-0002-1825-0097	
5										
6										
7										
8										
9										
10										


Fill in the term information relevant to your request, with one term per row.

Get a shareable link that will allow curators to view, comment, or edit:


Share "Copy of AMR-GRDI Bulk NTR <issue #>"

Add people and groups

People with access

 R Cmrn (you)
cmrn.rhi@gmail.com
Owner

General access

 Anyone with the link
Anyone on the internet with the link can comment

Commenter


Copy link

Done

Submit the issue with the shareable link included on it

NTR: Bulk Example #21

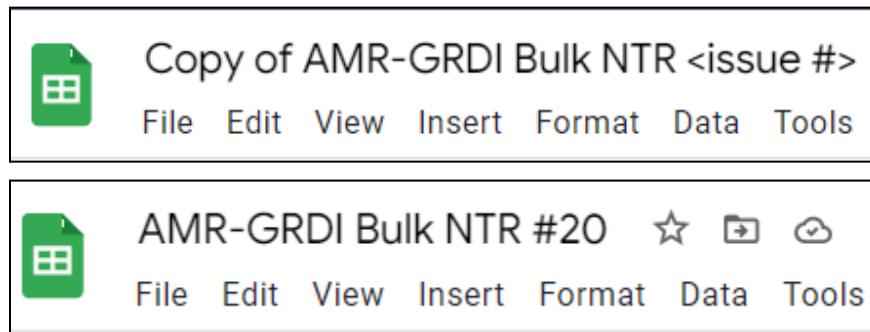
Open cmrn-rhi opened this issue 1 minute ago · 0 comments

 cmrn-rhi commented 1 minute ago
Member

AMR-GRDI Specification - Bulk New Term Request (NTR)

Here's my term requests: https://docs.google.com/spreadsheets/d/1JkOzRE7P4dsYrIKvzY_9i3O0-GIF4ojxCTqIW-o6DHU/edit#gid=2022130952

Rename your spreadsheet so that it contains the issue number
(this will appear beside the issue title after you have submitted it, see previous figure).



Feel free to continue to engage with this request until it is complete/closed.

NTR: Bulk Example #21

Open

 cmrn-rhi opened this issue 4 minutes ago · 1 comment

cmrn-rhi commented 4 minutes ago

Member

AMR-GRDI Specification - Bulk New Term Request (NTR)

Here's my term requests: https://docs.google.com/spreadsheets/d/1JkOzRE7P4dsYrIKvzY_9i3O0-GIF4ojxCTqiW-o6DHU/edit#gid=2022130952

cmrn-rhi added the **NTR** label 4 minutes ago

cmrn-rhi commented now

Member Author

I added two more terms, I hope that's OK.

Write

Preview

H B I

Leave a comment

Attach files by dragging & dropping, selecting or pasting them.

Close issue

Comment

Appendix A - Annotation Guide

There are more annotations here than listed in the [GRDI AMR One Health](#) issue templates. These additional annotations are for assisting more advanced ontology term curation.

Annotation	Description
Field Category:	The broader field category. E.g., the name of the “tab” you think an addition belongs to within the curation template or the field reference guide.
Field:	The field you want to request changes in or you want to add a picklist item to.
Label:	An rdfs:label that provides a human-readable description of a resource.
Alternative Label:	"A label for a class or property that can be used to refer to the class or property instead of the preferred rdfs:label . Alternative labels should be used to indicate community- or context-specific labels, abbreviations, shorthand forms and the like." [IAO:0000118]
Synonym:	
Exact Synonym:	"An alternative label for a class or property which has the exact same meaning than the preferred name/primary label." [hasExactSynonym]
Narrow Synonym:	"An alternative label for a class or property which has a more specific meaning than the preferred name/primary label." [hasNarrowSynonym]
Broad Synonym:	"An alternative label for a class or property which has a more general meaning than the preferred name/primary label." [hasBroadSynonym]
Definition:	"The official definition, explaining the meaning of a class or property. Shall be Aristotelian, formalized and normalized. Can be augmented with colloquial definitions." [IAO:0000115] - if you aren't sure how to meet this requirements, don't fret - give a definition and the ontology curator will restructure it to meet the definition requirements.
Definition Source:	"Formal citation, e.g. identifier in external database to indicate / attribute source(s) for the definition. Free text indicate / attribute source(s) for the definition." [IAO:0000119] Database Cross Reference: For when you want to cross reference with another database identifier (e.g., MlxS, MESH, etc.) [hasDBXref]
Parent Class:	The class/term within the target ontology under which you think the term being request should be placed. Depending on the ontology you are requesting this in, it isn't strictly required - but it is helpful in facilitating curation efficiency and in giving the curator a better impression of the term you're requesting. There can be multiple parent classes/terms for an ontology term.
Parent Class ID:	An ontology IRI (e.g., FOODON:00001002) or the PURL (e.g., http://purl.obolibrary.org/obo/FOODON_00001002) associated with the parent class/term.
Contributor Attribution:	Optional. ORCID is preferred - this is so we can list you as a contributor [dc:contributor] .
Additional Comments (not an annotation):	Additional context is valuable to ontology curators to ensure the changes they make are appropriate for your need. If the curator deems it necessary, they may include it as a "comment" [comment] or "editor note" [IAO:0000116] annotation.

Appendix B - GitHub Account

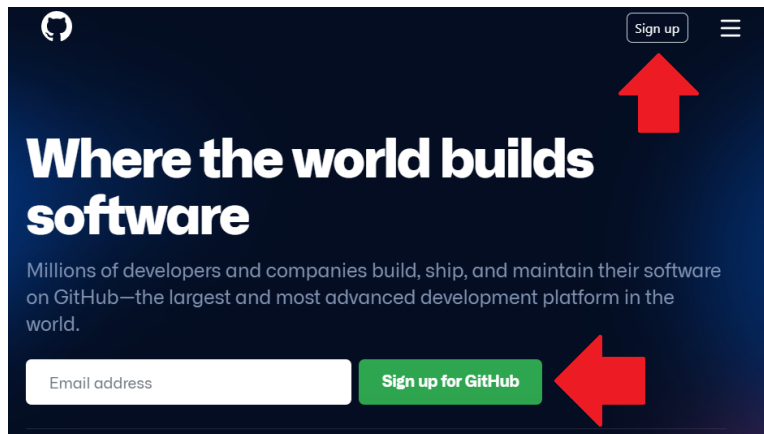
GitHub is a collaborative, online hosted version of git (a version control system) used to managed AMR-GRDI resources and specification issue requests.

You will need access to a free, personal GitHub account in order to engage with the AMR-GRDI new term request protocol. If you already have a GitHub account then no action is needed.

You can sign-up for an account at [Github.com](https://github.com) by following the [Signing up for a new GitHub account](#) information or follow the guidance below.

1) Navigate to [Github.com](https://github.com)

2) Select “Sign up”



3) Enter your email

4) Create a password

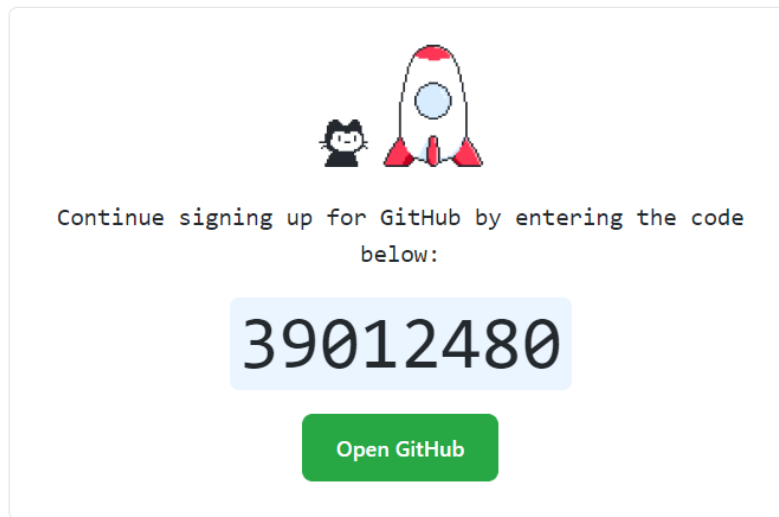
5) Enter a username

6) Indicate preference regarding email product updates and announcements (“y” for yes or “n” for no)

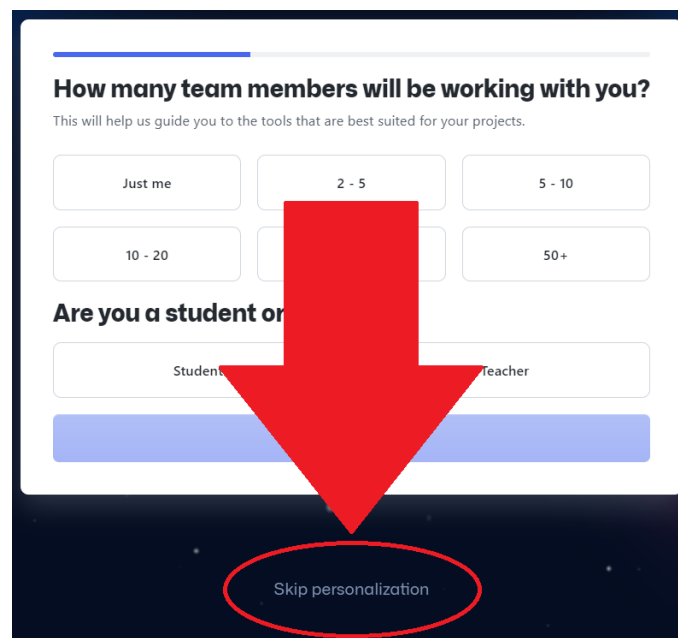
7) Perform a short puzzle to verify you’re human



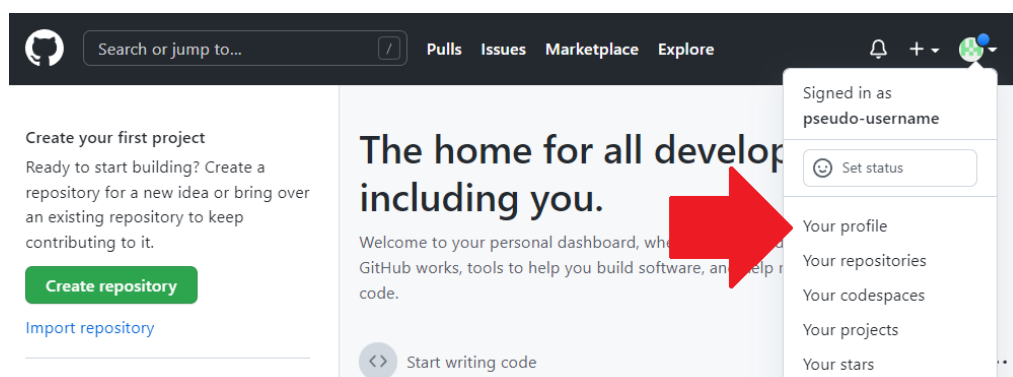
8) Enter the confirmation code emailed to you



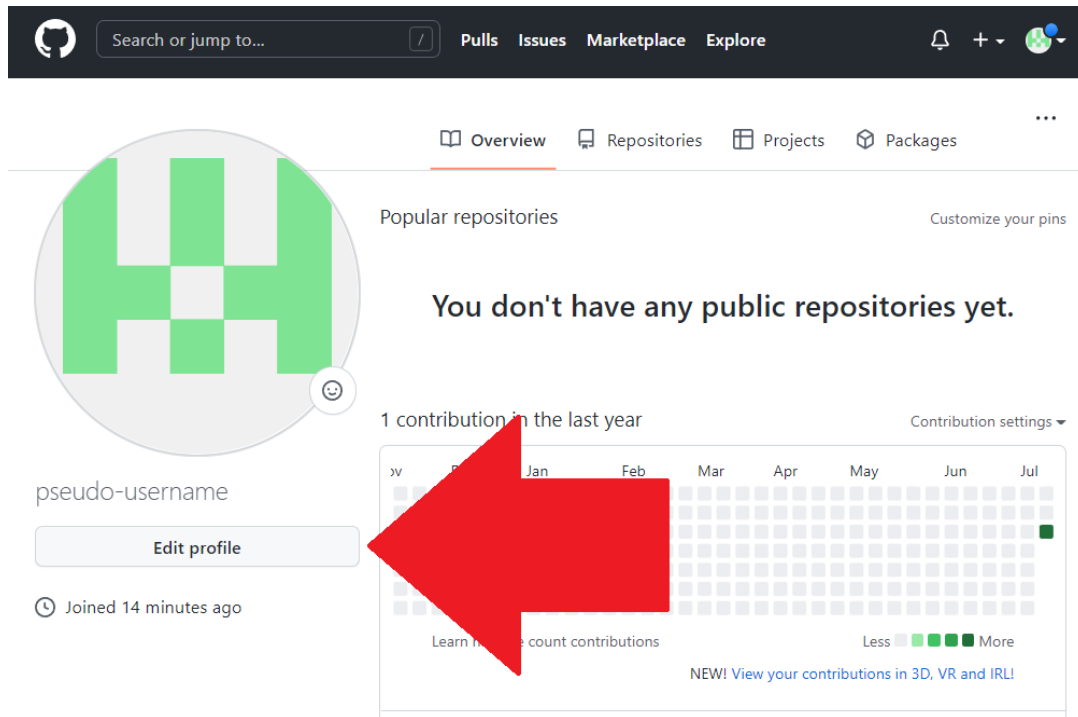
9) **Welcome Guide** - enter this information as you see fit, or scroll down and select “skip personalization”



10) **Dashboard** - At this point, we recommend navigating to your profile so you can edit your profile information.



11) Select “**Edit profile**”



12) Enter the information you feel comfortable with. We recommend including your name (in full, short form, or initials) to make it easier for collaborators to identify you when you submit issue requests to our system.

13) Now you can navigate and interact with https://github.com/cidgoh/GRDI_AMR_One_Health

Appendix C - Document Revision History

Version	Date	Writer	Description of Change
1.0	July 12 2022	Rhiannon Cameron	Initial release
1.1	July 25 2022	Rhiannon Cameron	Annotation Guide (Appendix A), more issue request options, additional guidance
1.2	December 16 2022	Rhiannon Cameron	Update to term request templates. Completed bulk NTR template and guidance