



DIGITAL
SERVICE
AT CMS

Establishing a Baseline: Repository Maturity Models, Templates, Checklists & Metrics

Digital Service at The Centers for Medicare & Medicaid Services (CMS.GOV)
Isaac Milarsky, United States DigitalCorps Fellow

<https://github.com/DSACMS/decks/blob/main/ato2024.pdf>



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CMS Open Source Repository Baselines Overview:

Open Source Repository Maturity Models

- Where is our project on our Open Source Journey

<https://github.com/dsacms/repo-scaffolder/blob/main/maturity-model-tiers.md>

Repository Templates

- What files are required/recommended for healthy repository hygiene?

https://github.com/DSACMS/repo-scaffolder/tree/main/tier3/{{cookiecutter.project_slug}}

Outbound Checklists

- What steps should our project take to release the repository publicly?

<https://github.com/dsacms/repo-scaffolder/blob/main/tierX/checklist.pdf>

Cookiecutter

- How do we know what Maturity Model Tier our project should be in? What files are required in that Tier?

cookiecutter <https://github.com/DSACMS/repo-scaffolder> -directory=tierX

Repolinter

- What files or information is missing from our repo?

https://github.com/DSACMS/repo-scaffolder/blob/main/tier1/{{cookiecutter.project_slug}}/repolinter.json

Metrics

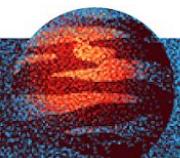
- How do we monitor our public open source projects across the agency?

<https://github.com/DSACMS/metrics>



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CMS Open Source Program Office (OSPO)



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Fellows
CodingItForward.com

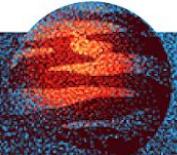


Interns
CodeInTheSchools.org



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Open Source Program Office (OSPO) at CMS

- 1. About the OSPO**
- 2. How we grow the program**
- 3. How we reduce duplicate work**
- 4. How we reduce risk**



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Who we serve: The American People

65M

Medicare Beneficiaries
(2022)

88M

Medicaid Beneficiaries
(2022)

31 M

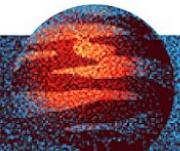
Healthcare.gov
(2021)

- <https://data.cms.gov/fact-sheet/cms-fast-facts>
- <https://www.cms.gov/files/document/2022-medicare-trustees-report.pdf>



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Who we serve: Taxpayers

\$1.7T

CMS Budget - 12%
of the federal budget

(FY 2022)

\$829B

Total Medicare
Payments

(FY 2021)

\$646B

Total Medicaid Payments

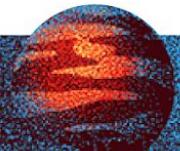
(FY 2019)

- <https://data.cms.gov/fact-sheet/cms-fast-facts>
- <https://www.cms.gov/files/document/2022-medicare-trustees-report.pdf>



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Who we serve: The Health Care System

6,244

CMS Employees
(FY 2022)

1.4M

Health Care Providers
(2022)

20%

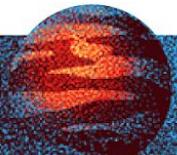
National Health Care Spending is
Medicare
(2022)

- <https://data.cms.gov/fact-sheet/cms-fast-facts>
- <https://www.cms.gov/files/document/2022-medicare-trustees-report.pdf>



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What does the Digital Service at CMS.gov do?

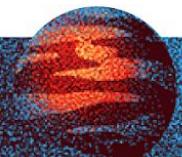
We deploy **small groups** of designers, engineers, and product managers on a "tour of duty" to work alongside **dedicated civil servants**.

These **multidisciplinary teams** bring best practices and new approaches to support government **modernization** efforts.



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Raising The Floor

Contributions that benefit all projects across the CMS open source ecosystem



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How do we ‘do’ Open Source at CMS?



Policies

How we **inbound** and **outbound** open source contributions and content



Projects

How we **solve** **real-world problems** by working in the open



Programs

How we **measure**, and **manage** contributors, projects, **risks**, and **opportunities**



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OSS Implementation & Infrastructure

Any CMS project team that wishes to publish their code as OSS must set a clear expectation of their level of involvement in sustaining that project. The project team shall define an OSS release process that begins with a determination of if the intended software can indeed be released as OSS, considering any security and other CMS policy restrictions. Depending on the nature of the OSS and associated licensing model, the project team shall adequately allocate resources to be able to sustain and flourish the project in the open source community.

The project team shall utilize an existing public-facing website to convey information about the project and provide a link to the project's GitHub repository. The project team should implement tools to support the community around an open source project, such as mailing lists, message forums, a version control, wiki, and tracking mechanisms, such as Kanban boards to track issues and bugs on the GitHub repository.

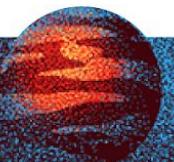
For every iteration of the code release, the project team must ensure that the software code is adequately peer reviewed ~~and is free from~~ security vulnerabilities that can be exploited by malicious actors ~~and that any discovered vulnerabilities are removed prior to release~~. Until the software code is adequately reviewed, it should be either 1) maintained in an internal code repository that replicates the intended public repository or 2) checked by publicly available services providing the same functions on all code check-ins to the public source code repository. The software should also contain automated unit tests; and build scripts and should be checked for software vulnerabilities, code quality and code coverage using available standard CMS tools and guidance. The code should be built with CMS's standard continuous integration (CI) servers. The project team should include ample documentation with the software code for increased adoption and modification by the community. The documentation should provide the information on project's mission, philosophy, goal, design, decision-making process, product roadmap and instructions on how to submit issues, feature requests and how to contribute towards a fix or enhancements. The documentation should be accessible to the Open Source community via the repository.

<https://github.com/CMSgov/cms-open-source-policy>



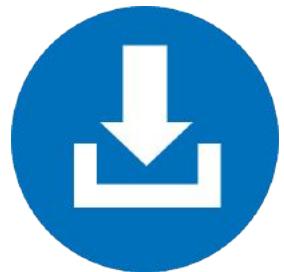
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Open Source at CMS



CMS Blue Button 2.0



Beneficiary
Claims
Data API



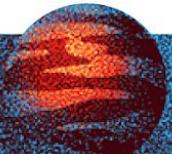
Data at the
Point of Care

data.cms.gov

developer.cms.gov



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How does our OSPO provide value?



Save us Money



Save us Time



Accountability for Contract Performance



Engine for Talent



Reduce Duplicate Work



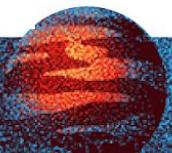
Reduce Duplicate Costs



Reduce Security Risk



Reduce Continuity Risk



How we grow the program

Engine for Talent



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The Federal Retirement Cliff

Engine for Talent

<https://www.opm.gov/policy-data-oversight/data-analysis-documentation/federal-employment-reports/reports-publications/full-time-permanent-age-distributions/>

September 2017

Age	Count	Percent
< 20	375	0.02
20-24	22,390	1.18
25-29	93,543	4.94
30-34	193,540	10.22
35-39	238,520	12.60
40-44	219,386	11.59
45-49	268,623	14.19
50-54	310,728	16.41
55-59	286,921	15.15
60-64	176,255	9.31
65 or more	83,166	4.39
Total	1,893,447	100.00

Average Age 47.5



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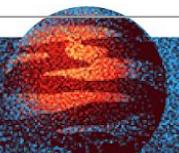
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Early Career Talent Pipeline at the OSPO

Digital Service at CMS.gov  DIGITAL SERVICE AT CMS	Up to 4 year tour of duty for established professionals in Engineering, Product management, Design, and Data science. <u>GS-13+</u>	https://cms.gov/digital-service-cms
DigitalCorps at GSA.gov 	2 year tour of duty for early-career technologists, eligible to convert to full-time, career positions in the competitive service at their agency. <u>GS-9 to 12, + 50% recruitment Incentive.</u>	https://digitalcorps.gsa.gov
Summer Fellowship at CodingItForward.com coding it forward >	Paid 10 week summer internship program for currently enrolled undergrad, grad, bootcamp students or recent graduates.	https://www.codingitforward.com
Internships at CodeInTheSchools.org 	Paid 5-10 week summer experience for Baltimore City residents between the ages of 14 and 21 , with YouthWorks Summer Jobs Program, managed by Mayor's Office of Employment Development.	https://codeintheschools.org



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How we reduce duplicate work

Repository Maturity Models & Cookiecutter Configs



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CMS Open Source Repository Maturity Model Framework

github.com/DSACMS/repo-scaffolder/blob/main/maturity-model-tiers.md

Level	Name	Purpose	Description
Tier 0	Private Repository	Experimental, Historical	Project is private, usually with a single developer. Typically working projects, example code, and early prototypes.
Tier 1	One-Time Release	Publication for Informational, Accountability, or Transparency Purposes	Project released publicly, but without planned future activity or maintenance from original author(s).
Tier 2	Close Collaboration	Collaboration with smaller, mostly internal teams	Project within a team or operational division, internal repo for innersource-style work.
Tier 3	Working in Public	Collaboration in the open with smaller, semi-open source teams	Project developed Open Source by CMS or CMS contractor. Limited external contributions, CMS-led (by choice or by statute).
Tier 4	Community Governance	Collaboration broadly in public	Project donated to or stewarded by an external community that welcomes public input and purposefully develops an open governance structure.

CMS Open Source Repository Maturity Model (v2)

Public Repo on GitHub!

<https://github.com/dsacms/repo-scaffolder/blob/main/maturity-model-tiers.md>

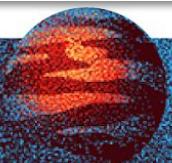
Level	Description
M	Mandatory
R	Recommended
N	Not Recommended

File	Tier 0	Tier 1	Tier 2	Tier 3	Tier 4
LICENSE	M	M	M	M	M
SECURITY.md	N	M	M	M	M
README.md	M	M	M	M	M
CONTRIBUTING.md	R	R	M	M	M
MAINTAINERS.md	N	N	R	M	M
GOVERNANCE.md	N	N	N	R	M
CODEOWNERS.md	N	N	R	M	M
COMMUNITY_GUIDELINES.md	N	N	M	M	M
CODE_OF_CONDUCT.md	N	N	M	M	M



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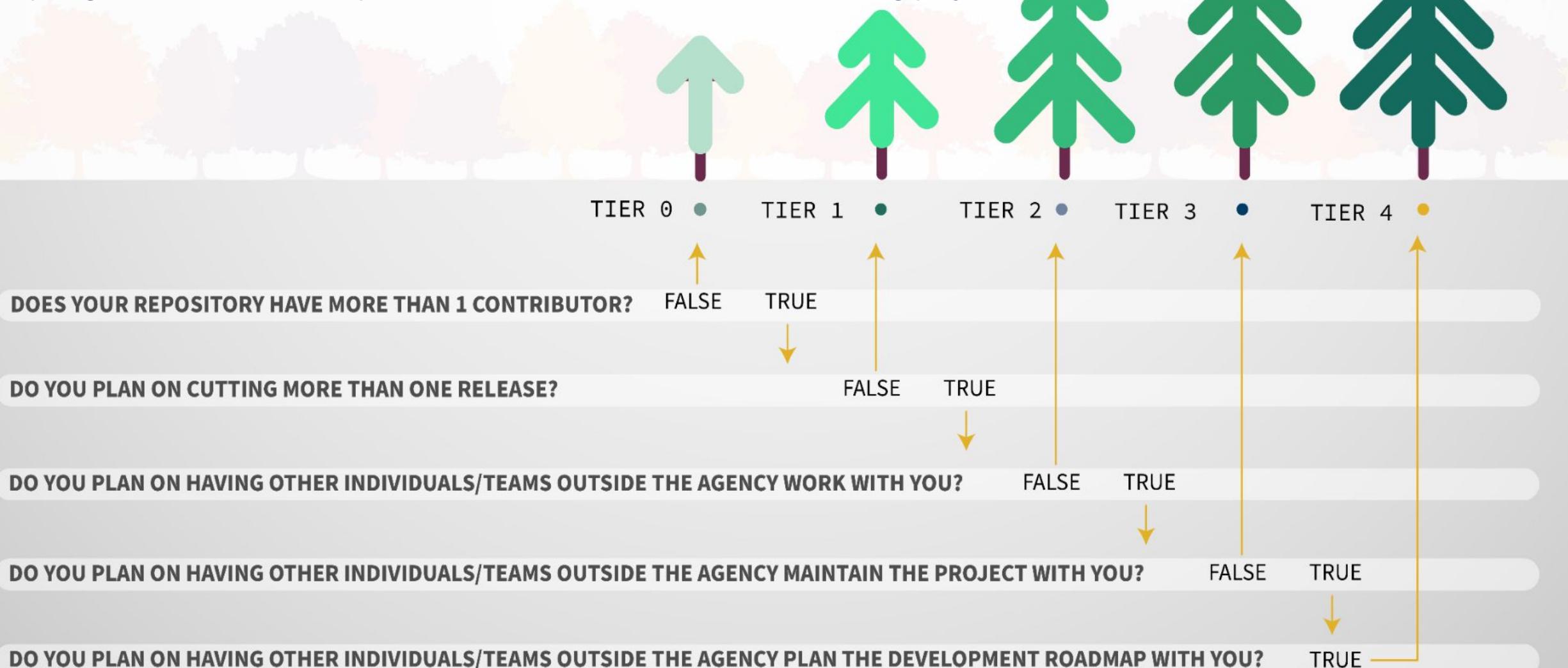
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cookiecutter: Auto Maturity Model Tier Selection

<https://github.com/DSACMS/repo-scaffolder/blob/main/README.md#existing-projects>



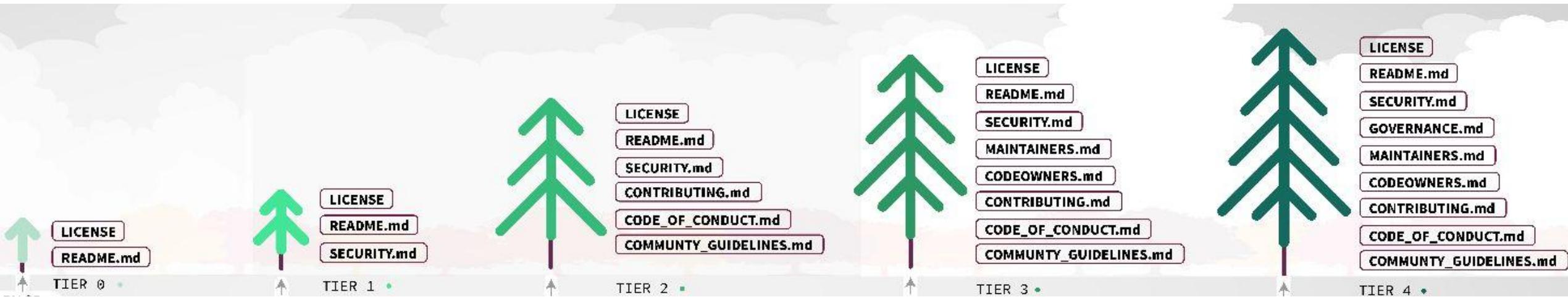
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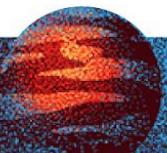
cookiecutter: Auto Maturity Model Tier Selection

<https://github.com/DSACMS/repo-scaffolder/blob/main/README.md#existing-projects>



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How we reduce risk

Outbound Repository Checklists, Metrics, and Linters



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Outbound Review Checklists

Tier 1: One Time Release

Tier 2: Close Collaboration

Tier 3: Working in Public

Tier 4: Open Governance



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Outbound Review Checklists

DSAC OSPO Outbound Review Checklist Tier 3: Public Repository

Instructions

This is a review process to approve CMS-developed software to be released open source. If you would like your repository to be released, please complete the following steps.

[Instructions](#)

[State the Benefit\(s\) of Open Sourcing the Project](#)

[State the Risk\(s\) of Open Sourcing the Project, if any](#)

Questions

[Code Review](#)

[Code Analysis](#)

Toolkit

[Review licensing](#)

[Review commit history](#)

[Review Documentation](#)

[Additional Notes & Questions](#)

[Sign off on risk acceptance of open-sourcing the software product](#)

[Making the Repository Public: Flipping the Switch](#)

Review Documentation

Tier 3 Markdown [Templates](#)

The project should include the following files and sections:

README.md

An essential guide that gives viewers a detailed description of your project

Section	Description	Included
Project Description	1-3 sentence short description of the project that can be used as a 'one-liner' to describe the repo. A best practice is using this same language as the official 'description' on a GitHub repo landing page.	
About the Project	Longer-form description of the project. It can include history, background, details, problem statements, links to design documents or other supporting materials, or any other information/context that a user or contributor might be interested in.	

Toolkit

Below is a list of suggested tools to run for code analysis:

Tool	Description	Link
Repo Linter	Lint repositories for common issues such as missing files, etc.	https://github.com/todogroup/repolinter
gitleaks	Protect and discover secrets using Gitleaks	https://github.com/gitleaks/gitleaks
git filter-repo	Entirely remove unwanted files / files with sensitive data from a repository's history	https://docs.github.com/en/authentication/keeping-your-account-and-data-secure/removing-sensitive-data-from-a-repository

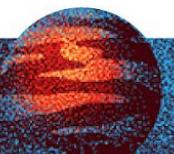
<https://github.com/DSACMS/repo-scaffolder/blob/main/tier3/checklist.pdf>



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Tier 4: Reviewing OpenSSF Scorecard

Review OpenSSF Scorecard

Checks	Description & Condition	Risk	Min	Score
Dangerous-Workflow	Does the project avoid dangerous coding patterns in GitHub Actions? (e.g. Untrusted Code Checkout, Script Injection with Untrusted Context Variables)	Critical	10	
Dependency-Update-Tool	Does the project use tools to help update its dependencies e.g. Dependabot, RenovateBot?	High	10	
Token-Permissions	Does the project declare GitHub workflow tokens as read only?	High	9	
Branch-Protection	Does the project use Branch Protection?	High	6	
Code-Review	Does the project require code review before code is merged?	High	10	
Binary-Artifacts	Is the project free of checked-in binaries?	High	10	
Maintained	Is the project maintained?	High	10	
Vulnerabilities	Does the project have unfixed vulnerabilities? Uses the OSV service .	High	8	

Flipping the Switch: Making the Repository Public

Once the repository has passed outbound review, we are ready to “flip the switch” and officially make it public. Please enable the following features to enhance repository security and maintain code quality:

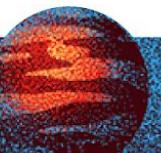
- Dependabot Alerts**
A GitHub Feature. Get notified when one of your dependencies has a vulnerability
- Secret Scanning Alerts**
A GitHub Feature. Get notified when a secret is pushed to this repository. Ideally set this up to run after each new commit is pushed to the Repository.
- Branch Protections**
Ensures the integrity of important branches by preventing unauthorized actions like force pushes and requiring pull request reviews with specific checks before merging. Dev and main should be protected branches in the repository.
- Git Branching**
After making the repository public, make sure there is a coherent git branching plan in place. For example: agree to merge feature related pull requests into dev but merge bug fixes into main instead of dev first.
- Enable OSSF Scorecard Code-Scanning for this Repository**
In order to adhere to proper open source security standards, enable OSSF Scorecard scanning for this repository. The best way to do this is through the provided OSSF Scorecard GitHub Action. Luckily, this is easy to set up by following the OSSF Scorecard GitHub Action [Instructions](#). Make sure to configure the settings as needed for your repository as per the detailed installation [instructions](#).
- Add Repolinter GH Action to CI**
For ongoing adherence to repository hygiene standards, integrate the [repolinter GitHub Action](#) into your CI pipeline. This addition enhances your workflow by automatically enforcing repository cleanliness standards.
- Optional: DCO (Developer Certificate of Origin)**
Requires all commit messages to contain the [Signed-off-by](#) line with an email address that matches the commit author. The Developer Certificate of Origin (DCO) is a lightweight way for contributors to certify that they wrote or otherwise have the right to submit the code they are contributing to the project. The GitHub app to enforce DCO can be found [here](#).

<https://github.com/DSACMS/repo-scaffolder/blob/main/tier4/checklist.pdf>



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CMS Open Source Repository Maturity Model: Repolinter

<https://github.com/todogroup/repolinter>

Repolinter is a tool maintained by the TODOGroup for checking repositories for common open source issues, using pre-defined rulesets. This can be run stand-alone as a script, pre-commit in your IDE, or post-commit or within CI/CD systems!

✓ = Pass

✗ = Fail

⚠ = Warn

Thanks to Chan and Satwic at the Comcast OSPO, we now have repolinter.json configs and rules that map to each Tier of our Open Source Repository Maturity Model!

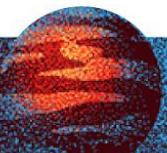
- ✓ license-file-exists: Found file (LICENSE.md)
- ✓ security-file-exists: Found file (SECURITY.md)
- ✓ readme-file-exists: Found file (README.md)
- ✓ contributing-file-exists: Found file (CONTRIBUTING.md)
- ✓ maintainers-file-exists: Found file (MAINTAINERS.md)
- ✗ codeowners-file-exists: Did not find a file matching th
- ⚠ governance-file-exists: Did not find a file matching th
- ✗ community-guidelines-file-exists: Did not find a file m
- ✗ code-of-conduct-file-exists: Did not find a file matchi
- ✓ license-contains-license: Contains license (LICENSE.md)
- ✓ security-contains-security-and-responsible-disclosure-p
- ✗ readme-contains-about-the-project: Doesn't contain Abou

<https://github.com/DSACMS/repo-scaffolder?tab=readme-ov-file#repolinter>



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OSPO Repo Metrics Website

Reducing Risk



Search Sort by

Organization

- DSACMS
- CMS-Enterprise
- CMSgov
- Enterprise-CMCS

Maturity Model Tier

FISMA Compliance Level

Project Type

DSACMS 😊

.github

Template repo for CMS Open Source Projects

☆ 3 ⚡ 2 ⚪ 3 🔍 4 ⚪ 2

cms-source

Source.io Visualization of Developer.CMS.gov Open Source repositories

☆ 0 ⚡ 0 ⚪ 0 🔍 0 ⚪ 0

dedupliFHIR

Prototype for basic deduplication and aggregation of eCQM data

☆ 8 ⚡ 1 ⚪ 21 🔍 147 ⚪ 4

Report for metrics

GITHUB.COM **CMS/OA/DSAC**

WEBSITE **TIER 3** **LOW** ^

project type midsize

Repo Stats

★ Stars	⚡ Forks	⌚ Issues	⌚ Watchers	🔍 Pull Requests
6	2	40	4	197

Summary Table

Metric	Latest	Previous	Diff	% Diff
Commits	1151	1145	6	0.52%
Issues	40	40	0	0%
Open Issues	19	19	0	0%
Closed Issues	21	21	0	0%
Open Pull Requests	13	13	0	0%

dsacms.github.io/metrics

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How are metrics helpful?

Reducing Risk by tracking our projects

Maturity Metrics

- Tiering of repositories quantify **security and continuity risk**

Cost Metrics

- Quantify **time and effort invested** into repositories

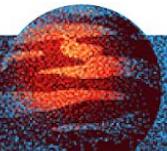
Burden Metrics

- Quantifies **time and effort needed to contribute & improve** repositories



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CMS Open Source Repo Metrics Back-end

STEP 1

Fetch Metrics



Check the project-
tracked.json file

STEP 2

Fetch Metrics



For each \$repo in each
\$ORG in projecttracked.-
json

For each \$ORG in
projecttracked.json

Fetch Metrics From Augur

Fetch Metrics From Github

Fetch Org Metrics From
Augur

Fetch Org Metrics From
Github

STEP 3

Generate
Elements &
Assemble Report



For each \$REPO in each
\$ORG in
projecttracked.json

Generate Weekly Metrics
Repo Tables

Generate Repo reports
(markdown)

Generate Repo Graphics
(pygals)

For each \$ORG in
projecttracked.json

Aggregate Weekly Metrics
Org Table

Generate Org reports
(markdown)

Generate Org Graphics
(pygals)

STEP 4

Generate front-end
(Liquid)



STEP 5

Publish Static
Generated Front End
(GitHub)



Site:

<https://dsacms.github.io/metrics>

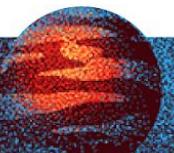
Repo:

<https://github.com/DSAMCS/metrics>



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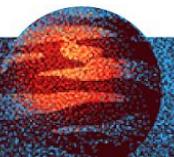
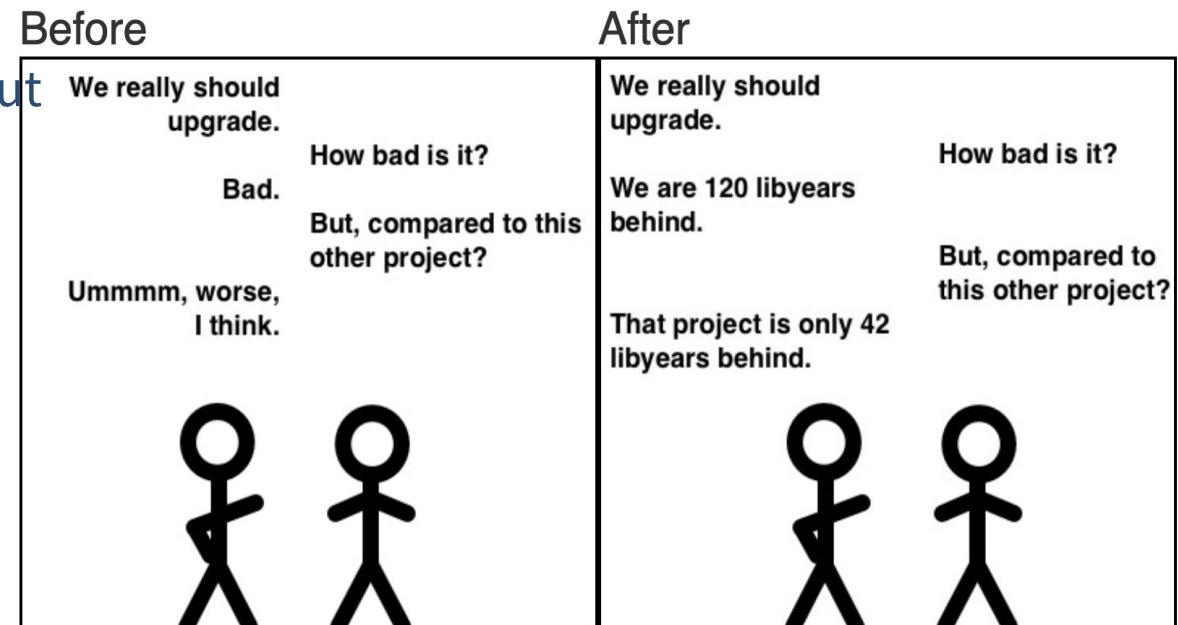
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Libyears

- **What are libyears?**
 - Means Library Years
 - Total number of years all of your projects are out of date by
- **How do we Calculate it per project?**
 - We use the Augur API to scan project dependencies and give us the libyear data
- **What does it look like currently?**
 - see next slide



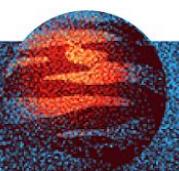
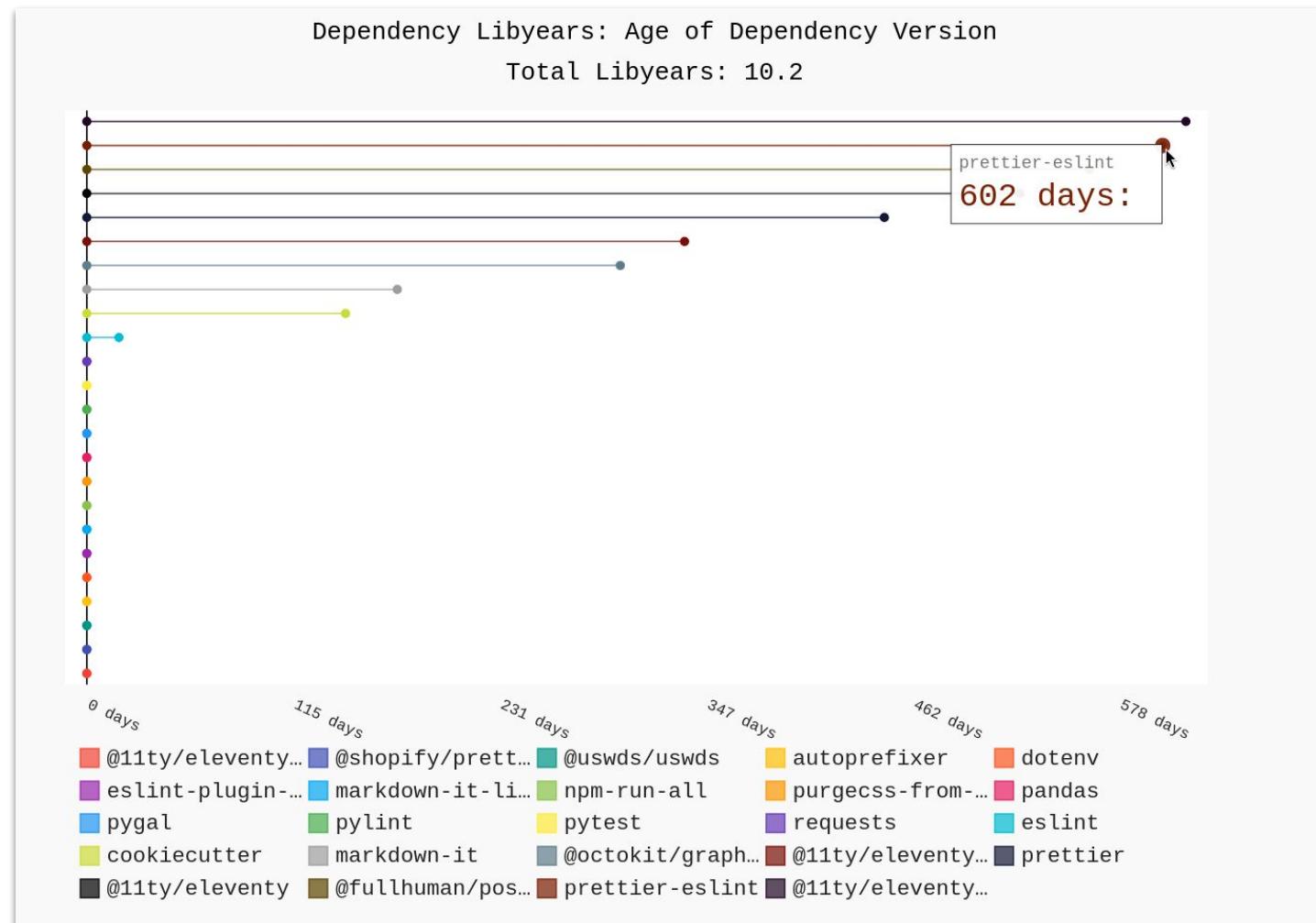
New Risk Metric: Libyears

What are libyears?

- Library Years of Technical Debt
- Total number of years all dependencies are out of date from their latest published versions

How do we Calculate it per project?

- We use the Augur API to scan project dependencies and give us the libyears data



New Metrics: COCOMO Reports

github.com/DSACMS/repodive-tools

What is COCOMO?

- COnstructive COst MOdeling
- Oversimplified:
Source Lines of Code * average salary

How do we calculate it per project?

- Sloc, Cloc and Code: scc is a very fast accurate code counter with complexity calculations and COCOMO estimates

What's next?

- automation in CI/CD
- front-end visualizations

Language	Files	Lines	Blanks	Comments	Code	Complexity
SVG	845	3399	0	0	3399	1676
Markdown	186	20262	453	0	19809	0
JSON	173	61329	1	0	61328	0
Python	14	2079	162	341	1576	70
JavaScript	10	653	92	69	492	38
YAML	9	662	65	111	486	0
Shell	5	134	32	23	79	15
CSS	1	152	24	4	124	0
Plain Text	1	5	0	0	5	0
Total	1244	88675	829	548	87298	1799

Total Physical Source Lines of Code (SLOC) = 87,298.

Development Effort Estimate, Person-Years (Person-Months) = 21.83 (261.98)

(Basic COCOMO model, Person-Months = 2.40*(KSLOC**1.05)*1.00).

Schedule Estimate, Years (Months) = 1.73 (20.74)

(Basic COCOMO model, Months = 2.50*(person-months**0.38))

Estimated Average Number of Developers (Effort/Schedule) = 12.63.

Total Estimated Cost to Develop = \$5,239,362.

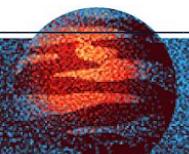
(average salary = \$100,000/year, overhead = 2.40)

Processed 20026599 bytes, 20.027 megabytes (SI)



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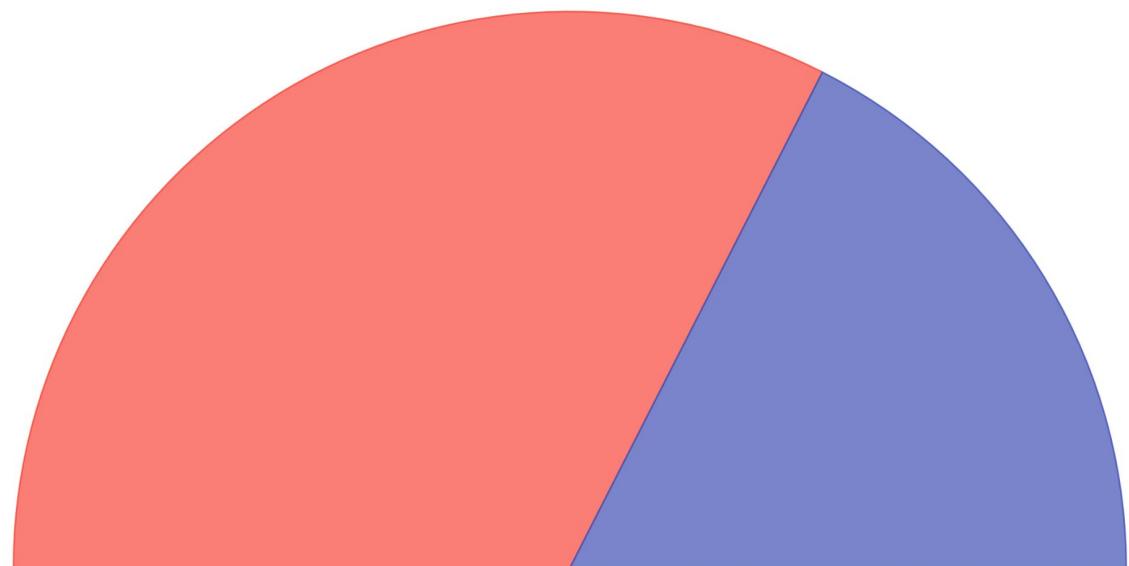
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New COCOMO Report Visualizations

DRYness Percentage Graph

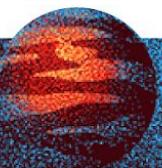
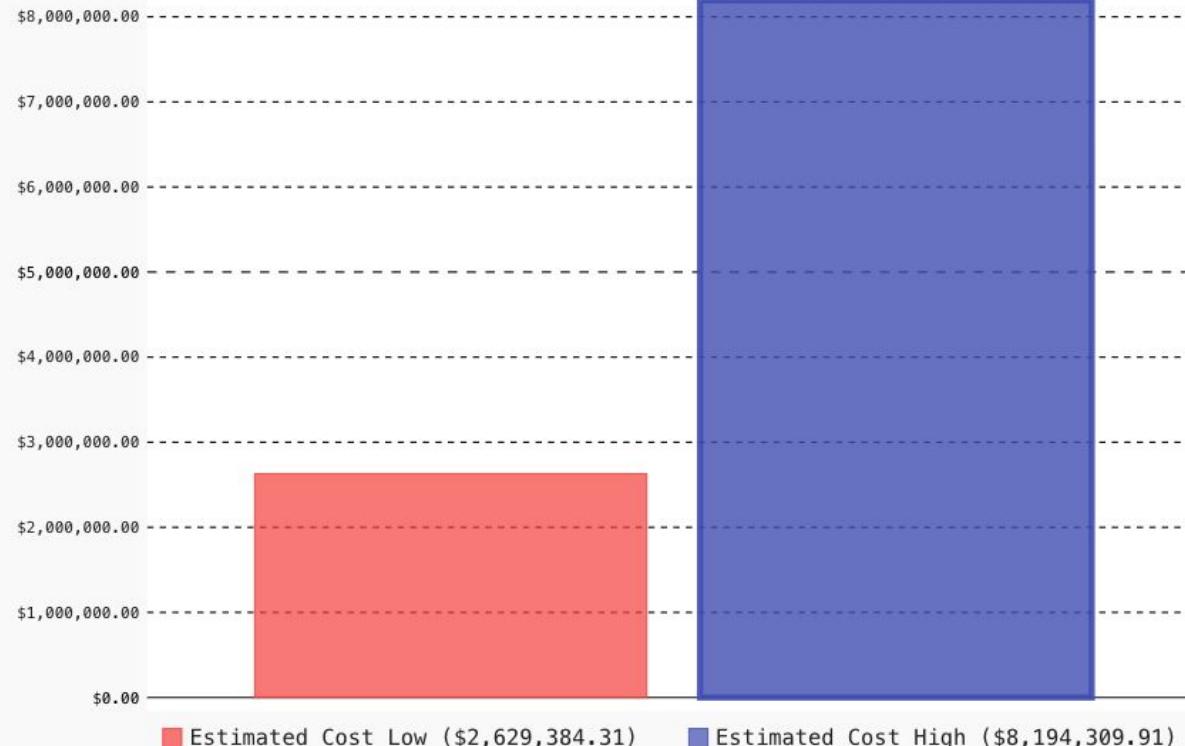


■ Unique Lines of Code (ULOC) %

■ Source Lines of Code (SLOC) %

Estimated Project Costs in \$ From Constructive Cost Model (COCOMO)

Average Cost: \$5,411,847.11

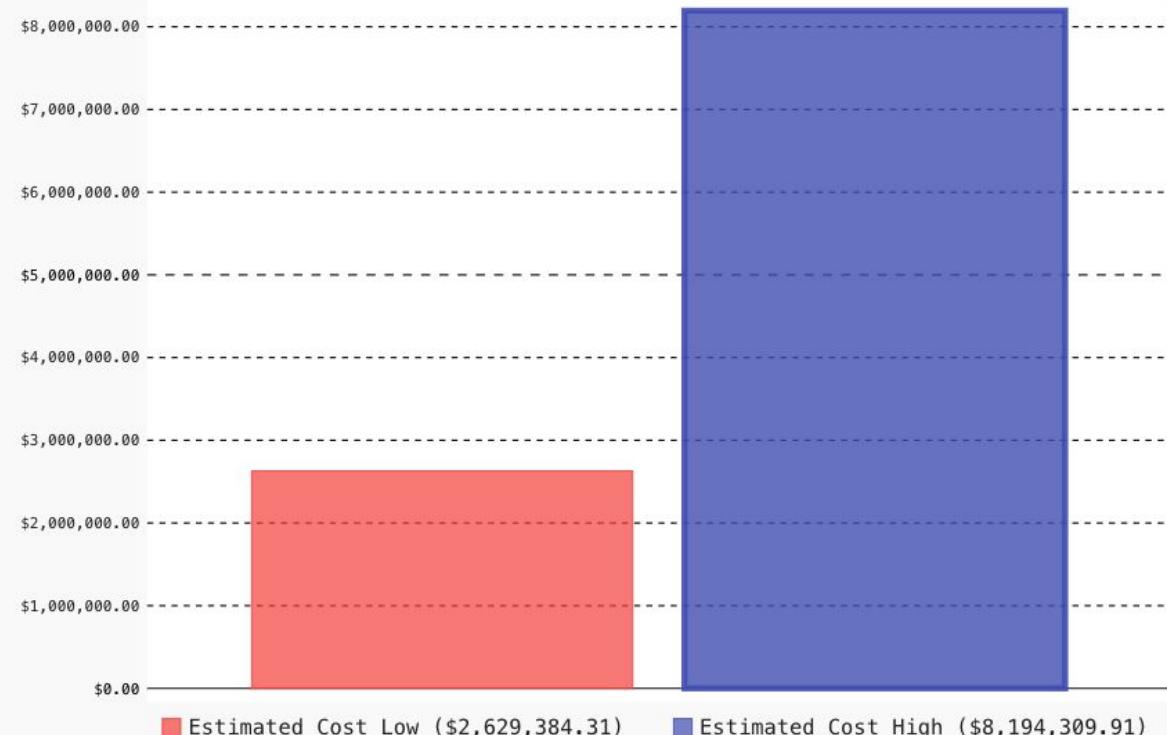


CMS.gov OSPO Repos Metrics Front-end

Dependency Libyears: Age of Dependency Version
Total Libyears: 10.2



Estimated Project Costs in \$ From Constructive Cost Model (COCOMO)
Average Cost: \$5,411,847.11

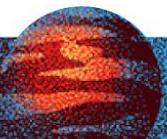


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<https://dsacms.github.io/metrics>

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CMS Repository Cohort Definitions: Nadia Labels

In her book “Working in Public” by Nadia Asparouhova classifies repositories into four cohorts:

- Toys
- Clubs
- Federations
- Stadiums

	HIGH USER GROWTH	LOW USER GROWTH
HIGH CONTRIBUTOR GROWTH	Federations (e.g., Rust)	Clubs (e.g., Astropy)
LOW CONTRIBUTOR GROWTH	Stadiums (e.g., Babel)	Toys (e.g., ssh-chat)

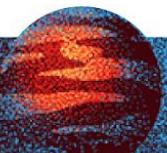
Various types of open source projects, classified by user and contributor growth.

<https://project-types.github.io/>



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CMS Repository Cohort Definitions: Nadia Labels in Augur!

```
ratio_stargazers_to_contribs = stargazers_count / unique_contributor_count

if unique_contributor_count > 75 and ratio_stargazers_to_contribs < 2:
    return "club"
elif unique_contributor_count > 75 and ratio_stargazers_to_contribs > 2 and stargazers_count > 1000:
    return "federation"
elif unique_contributor_count < 6 and stargazers_count > 100:
    return "stadium"
elif unique_contributor_count < 6 and stargazers_count < 100:
    return "toy"

#"ContribMid" is the label for repos that don't make sense in the other
#categories. Contribs > 6 and < 75
return "contribMid"
```

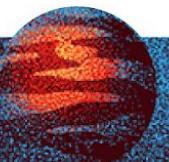
See Augur API Documentation for nadia_project_labeling_badge:

https://github.com/chaoss/augur/blob/main/augur/api/metrics/repo_meta.py#L205



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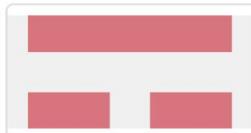
Metrics v2 released at ATO2024! 🎉 <https://github.com/dsacms/metrics>

Work in progress. We welcome questions and suggestions — [give us feedback](#).

CMS.gov Open Source Repository Metrics

[Home](#) [Organizations](#) [Projects](#)

The Centers for Medicare and Medicaid Services is comprised of many GitHub Organizations.



CMS-Enterprise

69 30



CMSgov

232 30



DSACMS

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31 20



Enterprise-CMCS

Center for Medicaid & CHIP Services

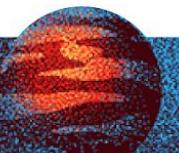
125 30

PRs Welcome!



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Repositories we've outbounded

12 repositories released in the past 6 months



Facing a Financial Shock

Income Verification Pilot



CMS OSPO tools

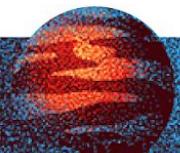
AI Explorers Program

CMS Medicare Handbook Project



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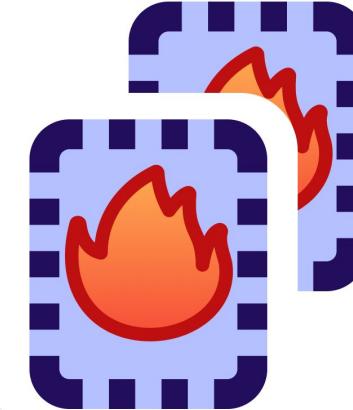
Repositories we've outbounded

12 repositories released in the past 6 months



**Income Verification: Consent-Based
Verification (pilot)**

<https://github.com/DSACMS/iv-cbv-payroll>



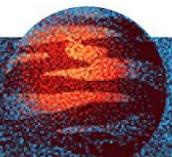
DedupliFHIR

<https://github.com/DSACMS/dedupliFHIR>



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Acknowledgements & Attributions

The repo-scaffolder project originally began as a collaboration between the United States Digital Service ([USDS.gov](#)), The Department of Health and Human Services ([HHS.gov](#)), The Digital Service at the Centers for Medicare & Medicaid Services ([CMS.gov](#)), and The [USDigitalResponse.org](#).

CMS would like to thank [General Services Administration](#) (GSA)'s [18F](#) team, the [Consumer Financial Protection Bureau](#) (CFPB), and the [Office of Management and Budget](#) (OMB) for their inspirational work in the use of Free/Open Source Software in the Federal Government.

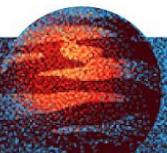
Our work continues to be guided by contributions from the [CHAOSS OSPO Metrics Working Group](#) and [TODOGroup.org](#) members.

Thank you!



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Thank You



 creative commons



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Questions or Comments?

<https://github.com/DSACMS/decks/blob/main/ossna24-baseline.pdf>

Open Source Questions?

opensource@cms.hhs.gov

Digital Service Questions?

DigitalService@cms.hhs.gov

Help Answer the Call!

Digital Service at CMS.gov

<https://cms.gov/digital-service>

DigitalCorps Fellowships

<https://digitalcorps.gsa.gov>

CodingItForward Summer Internships

<https://codingitforward.com>