

ClearlyDefined

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- ライセンス情報の収集と蓄積を行う。
Open Source Initiativeのワーキンググループの一つ。2018年ごろに立ち上がった。

- <https://clearlydefined.io/>
- <https://docs.clearlydefined.io/>

■ OSSパッケージ情報の収集と蓄積

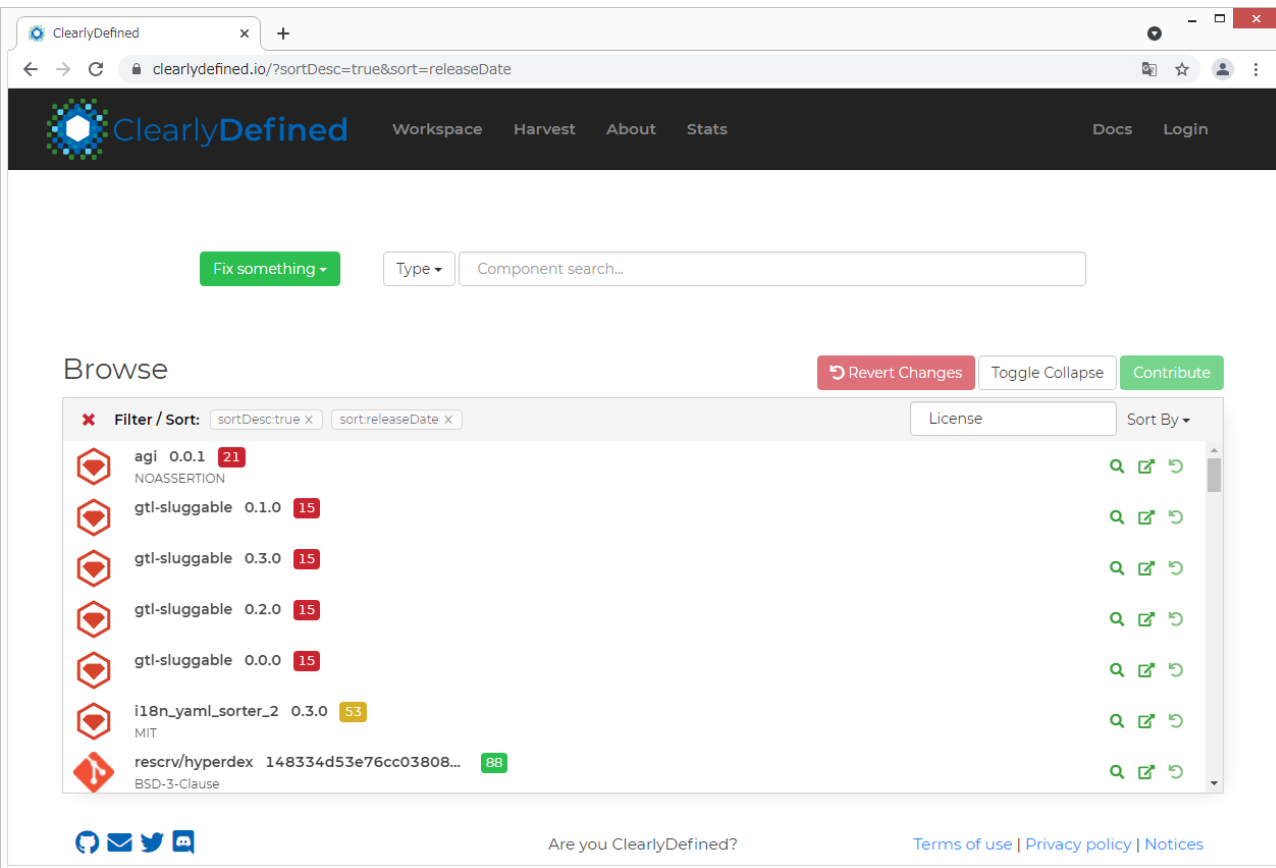
- ライセンス
- 著作権者の情報
- ソースコードの場所 (リビジョン等を含む)
- ~~脆弱性~~ (※未整備)

■ 収集対象は主要なパッケージ配布元・ソース配布元

- cocoapods, cratesio, debian, github, gitlab, mavencentral, mavengoogle, npmjs, nuget, packagist, pypi, rubygems

■ 参考サイト:

- <https://opensource.com/article/19/5/license-compliance-clearlydefined>
- https://wiki.linuxfoundation.org/_media/openchain/intro-clearlydefined.pdf



The screenshot shows the ClearlyDefined web application interface. At the top is a navigation bar with the ClearlyDefined logo and links for Workspace, Harvest, About, Stats, Docs, and Login. Below the navigation bar is a search bar with a "Fix something" button and a "Component search..." input field. The main content area is titled "Browse" and features a "Revert Changes" button, a "Toggle Collapse" button, and a "Contribute" button. A table of components is displayed, with columns for component name, version, license, and sort order. The table is filtered by "sortDesc:true x" and "sortreleaseDate x". The components listed are:

Component	Version	License	Sort
agi	0.0.1	NOASSERTION	21
gtl-sluggable	0.1.0		15
gtl-sluggable	0.3.0		15
gtl-sluggable	0.2.0		15
gtl-sluggable	0.0.0		15
i18n_yaml_sorter_2	0.3.0	MIT	53
rescrv/hyperdex	148334d53e76cc03808...	BSD-3-Clause	88

At the bottom of the page, there are social media links (GitHub, Email, Twitter, Discord), a link to "Are you ClearlyDefined?", and links to "Terms of use", "Privacy policy", and "Notices".

<https://clearlydefined.io/>
コンポーネント名で検索可能

definitions Component definitions - most API consumers will be interested in these

POST `/definitions` Request the creation of a resource that is the summary of all definitions available for the components outlined in the POST body

GET `/definitions` Gets the coordinates for all definitions that match the given pattern in the specified part of the definition.

GET `/definitions/{type}/{provider}/{namespace}/{name}/{revision}` Gets the definition for a component revision.

Parameters

Try it out

Name	Description
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type * required string (path)	the type of component Available values : composer, crate, deb, debsrc, gem, git, maven, npm, nuget, pod, pypi, sourcearchive
--	---

provider * required string (path)	where the component can be found Available values : cocoapods, cratesio, debian, github, gitlab, mavencentral, mavengoogle, npmjs, nuget, packagist, pypi, rubygems
--	--

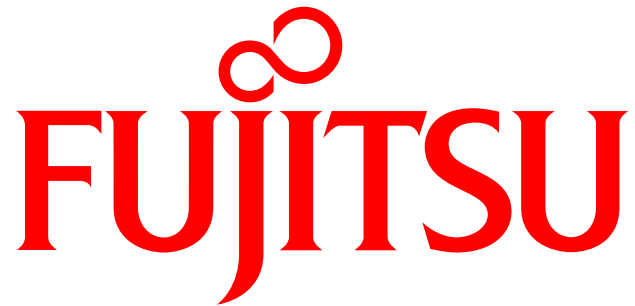
namespace * required string (path)	many component systems have namespaces. GitHub orgs, NPM namespace, Maven group id, ... This segment must be supplied. If your component does not have a namespace, use '-' (ASCII hyphen).
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name * required string (path)	the name of the component you want. Given the namespace segment mentioned above, this is just the simple name.
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revision * required string (path)	components typically have some differentiator like a version or commit id. Use that here. If this segment is omitted, the latest revision is used (if that makes sense for the provider).
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<https://api.clearlydefined.io/api-docs/>
コンポーネントの種類、配布元、名前等を
指定してREST-APIで情報を取得できる

- パッケージ配布元が限られているので、登録されているコンポーネントの種類は現時点でさほど多くないように見える
- サーバー用途(dockerコンテナやサーバー サイド スクリプトなど)にフォーカスしているように見える
- 新規機能の開発ロードマップが見えない



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