

Package: hubCI (via r-universe)

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use_hub_dependabot *Hubverse Dependabot configuration setup*

Description

Sets up **Dependabot** for a hub that is hosted on GitHub, so that the actions used by the hub's GitHub Actions workflows are kept up to date. The configuration is hosted in repository **hubverse-org/hubverse-actions** under dependabot/. The function creates the .github/ directory if necessary and downloads the configuration to .github/dependabot.yml.

Usage

```
use_hub_dependabot(ref = NULL, overwrite = FALSE)
```

Arguments

ref	Desired Git reference, usually the name of a tag ("v0.1.0") or branch ("main", including branch names containing slashes such as "ak/my-feature/27"). Other possibilities include a commit SHA ("d1c516d") or "HEAD" (meaning "tip of remote's default branch"). If not specified, defaults to the latest published release of hubverse-org/hubverse-actions (https://github.com/hubverse-org/hubverse-actions/releases)
overwrite	Whether to replace files that already exist. If FALSE, an interactive session asks first, and a non-interactive session stops with an error.

Details

The workflows added by `use_hub_github_action()` reference the actions they use by major version, such as actions/checkout@v4. Minor and patch releases of those actions reach the hub with no change to the workflow. A new major version does not, so the hub stays on the old one until the workflow is edited by hand. With this configuration in place, Dependabot opens a pull request in the hub for each new major version, once a week. Dependabot reads the file from the hub's default branch, so it takes effect once committed there.

The file is written to the root of the hub, located as described in `use_hub_github_action()`.

An existing .github/dependabot.yml is replaced when overwrite = TRUE. Otherwise an interactive session asks first, and a non-interactive session stops with an error. A hub that already uses Dependabot for another ecosystem should add the github-actions entry from the downloaded configuration to its existing file instead of replacing the file.

Value

The path of the configuration file, invisibly, or an empty character vector if an existing file was left in place. Called for the side effect of writing .github/dependabot.yml.

Examples

```
## Not run:
use_hub_dependabot()

## End(Not run)
```

use_hub_github_action *Hubverse GitHub Actions workflow setup*

Description

Sets up common continuous integration (CI) workflows for a hub that is hosted on GitHub using **GitHub Actions**. Available workflows are hosted in repository [hubverse-org/hubverse-actions](https://github.com/hubverse-org/hubverse-actions). The function creates the necessary directories and downloads the requested workflow .yaml file.

Usage

```
use_hub_github_action(name, ref = NULL, overwrite = FALSE)
```

Arguments

name	Name of workflow, i.e. the name of one of the workflow repository directories holding a workflow .yaml file of the same name. Asking for anything else, such as a composite action, lists the workflows a hub can add.
ref	Desired Git reference, usually the name of a tag ("v0.1.0") or branch ("main", including branch names containing slashes such as "ak/my-feature/27"). Other possibilities include a commit SHA ("d1c516d") or "HEAD" (meaning "tip of remote's default branch"). If not specified, defaults to the latest published release of hubverse-org/hubverse-actions (https://github.com/hubverse-org/hubverse-actions/releases).
overwrite	Whether to replace files that already exist. If FALSE, an interactive session asks first, and a non-interactive session stops with an error.

Details

The workflow is written to the root of the hub, i.e. the closest enclosing directory containing a hub-config/ directory, falling back to the working directory if there is none within the repository you are in.

Some workflows only work as a pair, one running the checks and another posting their result, and are added together: asking for "validate-submission" also adds "validate-submission-comment".

Existing workflow files are replaced when overwrite = TRUE. Otherwise an interactive session asks once, listing them, and a non-interactive session stops with an error. Nothing is written unless every file can be, so a pair is always replaced together.

Inspired by `usethis::use_github_action()`, and additionally accepts branch names containing slashes, which that function truncates at the first slash.

Value

The paths of the workflow files written, invisibly, or an empty character vector if existing files were left in place. Called for the side effect of writing `.github/workflows/<name>.yaml`.

Examples

```
## Not run:  
use_hub_github_action(name = "validate-submission")  
  
## End(Not run)
```

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