What is Reviewable.IO?

Reviewable.IO is a web application to facilitate code reviews for GitHub projects. It is designed to improve upon GitHubs inbuild reviewing feature to make the reviewing process clearer for everyone involved. Any steps you might have done in GitHub before can be done in Reviewable instead: comparing code changes, commenting for and back, merging and deleting or keeping merged branches. The tool is free for personal use (public and personal repositories).
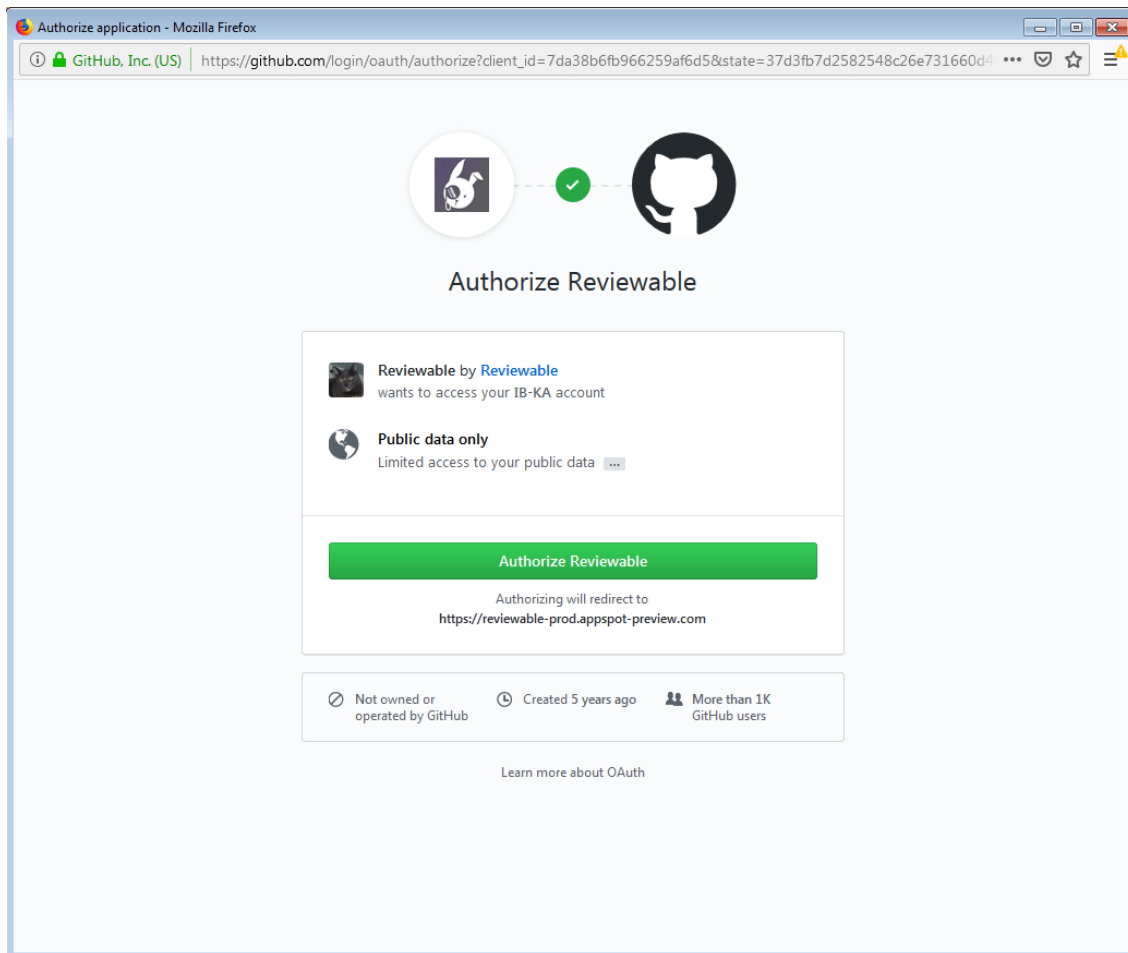
Getting started

Go to your browser an open Reviewable.IO

In the top right corner click "Sign in with Github"
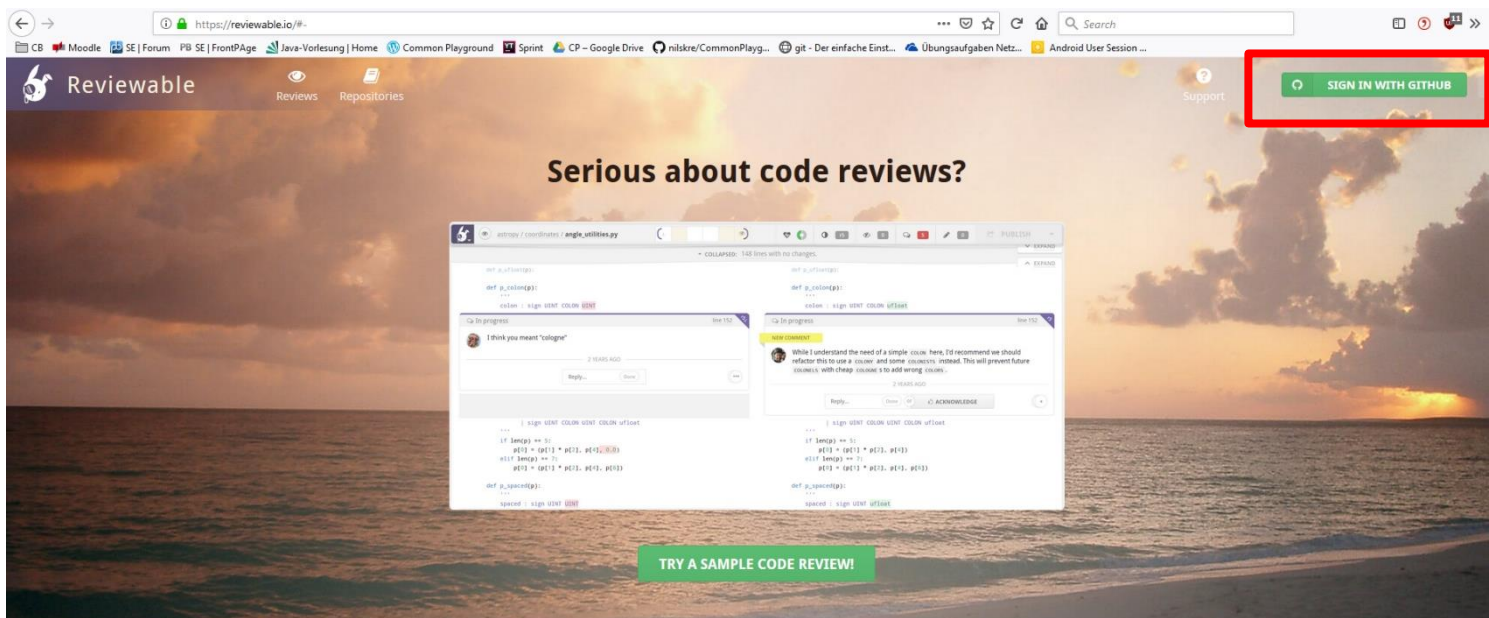
You will be prompted to authorize Reviewable in GitHub. That authorization can be revoked in GitHub itself under Settings – Applications – Authorized OAuth Apps

After Authorization you will be able to sing in by simply clicking the button and you will be forwarded to your personal review dashboard. You can switch between reviews and repositories and you can adjust how much you want to see
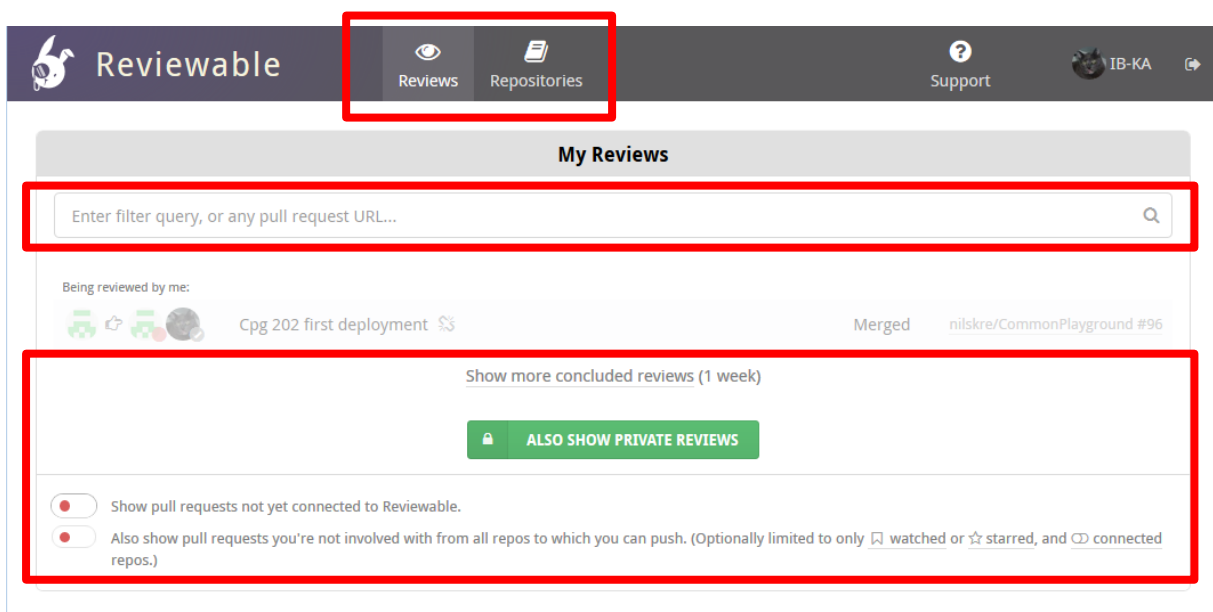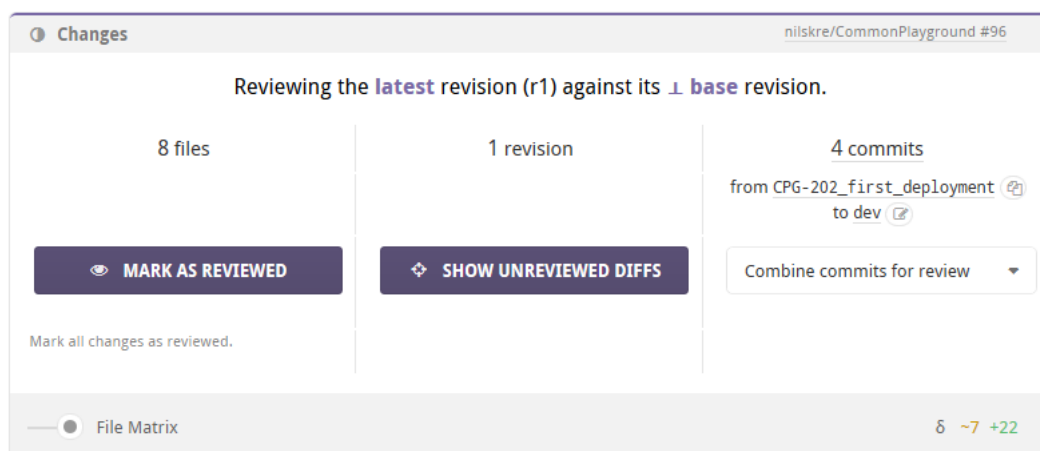
Any pull request you have access to that is not auto-detected by Reviewable can just be added by copying the GitHub link into the search bar in the Reviews tab. You can then open the pull request and start reviewing.

Fun with Reviews

You will see a navigation bar in the top right corner
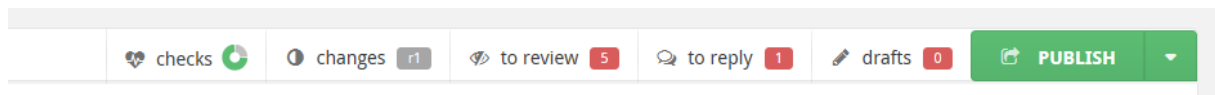
And a summary in the center

You can review commit by commit or just get an overview over everything changed at once. You can review file changes all at once via the overview or one by one by scrolling down to the file changes or clicking on "Show unreviewed Diffs"

Below the summery you will find a file matrix showing which files are affected by the pull request and which of them already received a review and which haven't

Unpublished: your view   Published

Once a review is published the matrix will also contain information on who gave the review.

Next you will find the review discussion containing pull request and commit information as well as further discussion

You can acknowledge replies given to you, to keep track of which issues have been addressed and which still need to be dealt with.

Below you will finally find the code changes file by file in a side-by-side view

EXPAND

COLLAPSED: 58 lines with no changes.

EXPAND

```yaml
- stage: deploy-backend
  if: branch = master
  language: java



  script:
    - echo "Deployment-Backend"



- stage: deploy-frontend
  if: branch = master
  language: android
  android:
    components:
      - build-tools-$ANDROID_BUILD_TOOLS_VERSION
      - android-$ANDROID_API_LEVEL
  script:
    - echo "Deployment-Frontend"
```

```yaml
- stage: deploy-backend
  if: branch = master
  language: java
  services:
    - docker
  provider: heroku
  api_key:
    secure: cc24LtHFrFQDORKxGhVKo2Em2gG+WS/4J9MtE94B2PhtuqyBH90Tjd2xUQXRT2w5EdxlLNcS/spYq4rG0duhFvff0oJf1Zkf7YNSNY2097/b3OFKBH0KoqqFfN/OxoXBQT0eryhRmQD7hsQUDxoRCHcOsERnn0y3y9Zq+eDIVUn8wneREcE0EjG1qYPpvrOOkUzsEAjH6qixW8rCyZET5KHcCV1/78ZddbsYj3Hz+8yqgss4e2rpOy9HAlikQdSh9wuwPgHcW8HbSZVOMo+BFvmnqFcI+pcOLTK6VNduqBkBsD4arftv2oqMOJ5uJmrTTaHt0zpuDSQwd03kz2I10MwQgOy6AhZNnB/1tCugd7HNdvT823FeBR76z/tveKfvqH6ErqKnjs7TFR6jBIAo5IROLbOSF714ua3o4tKwU/uqSqn4Ks/C72HA7dsiUThngqu+mcoFmUJIXJhuJfBQ2vYU1o04QDAkJRwhZ7nnfJzp+f6MhvxwICQQzkCQros4ooBofhpgA5CIb8oeYUhinA+2qSxeZx238vJTaWQkGYoFjvTp32H312nl26VwJC7L8JTXOm9gWdH8STHlLuvI6nZHrwTSSHiqW5lpteQdOpbzvNvNSuss3ZeLvpVvyjYWVMXWGAGhpeoBmp3cUc6ZbZz2wm5SqmjC8qNFE+mrSf0=
  script:
    - cd backend/·
    - ./gradlew build docker
    - heroku container:login
    - docker tag commonplayground/commonplayground:latest registry.heroku.com/commonplayground/web
    - docker push registry.heroku.com/commonplayground/web
    - heroku container:release web -a commonplayground
- stage: deploy-frontend
  if: branch = master
  language: android
  android:
    components:
      - build-tools-$ANDROID_BUILD_TOOLS_VERSION
      - android-$ANDROID_API_LEVEL
  script:
    - echo "Deployment-Frontend"
```
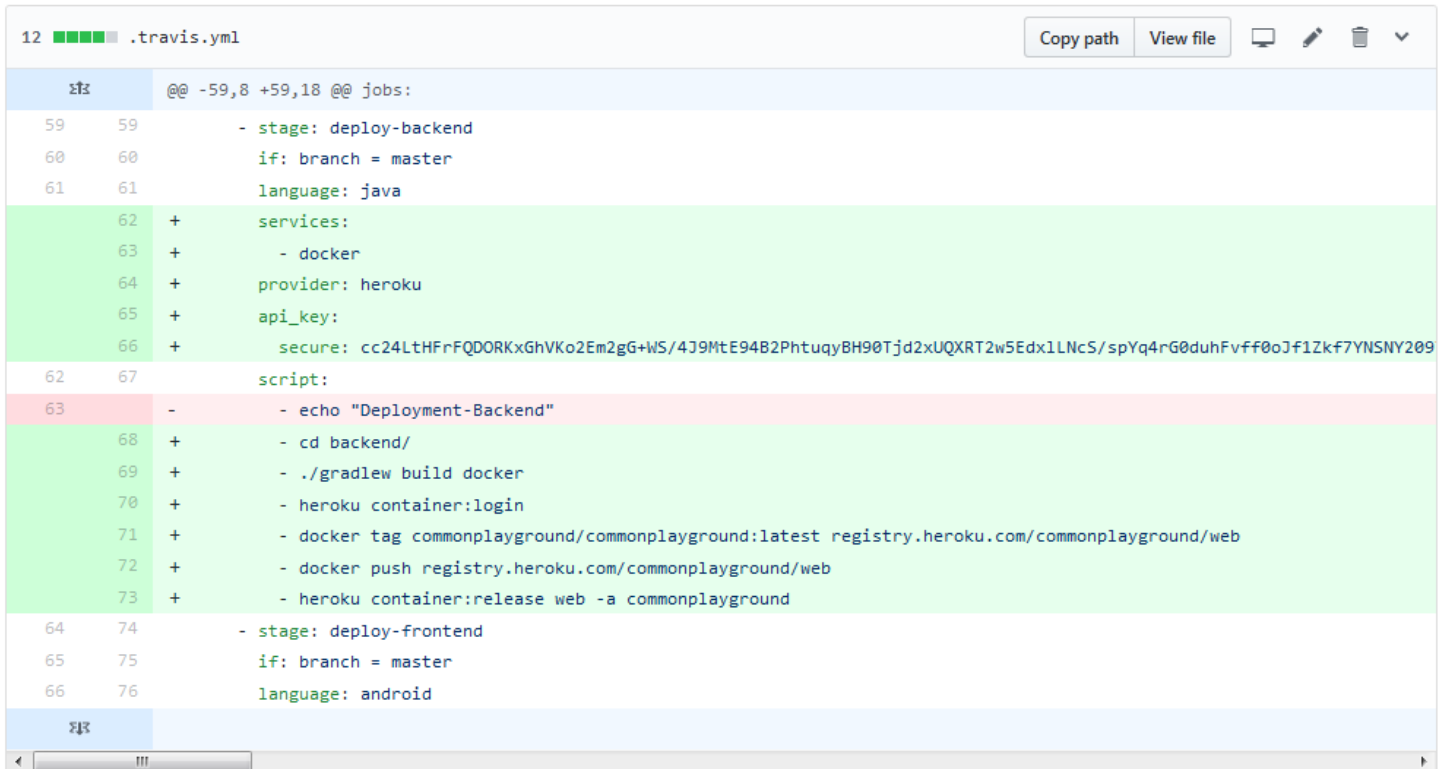
In GitHub this looked like:

```
12 ▮▮▮▮▯ .travis.yml                                    Copy path   View file   🖥 ✏ 🗑 ⌄

     ⇅           @@ -59,8 +59,18 @@ jobs:
  59   59              - stage: deploy-backend
  60   60                if: branch = master
  61   61                language: java
       62  +           services:
       63  +             - docker
       64  +           provider: heroku
       65  +           api_key:
       66  +             secure: cc24LtHFrFQDORKxGhVKo2Em2gG+WS/4J9MtE94B2PhtuqyBH90Tjd2xUQXRT2w5EdxlLNcS/spYq4rG0duhFvff0oJf1Zkf7YNSNY209
  62   67                script:
  63       -             - echo "Deployment-Backend"
       68  +             - cd backend/
       69  +             - ./gradlew build docker
       70  +             - heroku container:login
       71  +             - docker tag commonplayground/commonplayground:latest registry.heroku.com/commonplayground/web
       72  +             - docker push registry.heroku.com/commonplayground/web
       73  +             - heroku container:release web -a commonplayground
  64   74              - stage: deploy-frontend
  65   75                if: branch = master
  66   76                language: android
     ⇅
◄    ⋯                                                                                                                    ►
```

Reviewable also is able to ignore changes in whitespace 😉

You can directly add comments to the corresponding code lines and submit them one by one (and annoy the person who issued the pull request) or just publish everything at the end

```
debug {
    testCoverageEnabled true
    buildConfigField "String", "TEST_TAGS", "\"${getTestTags()}\""
    buildConfigField "String", "SERVER_URL", '"http://10.0.2.2:8080/"'
}
release {
    minifyEnabled false
    proguardFiles getDefaultProguardFile('proguard-android.txt'), 'proguard-rules.pro'
    buildConfigField "String", "SERVER_URL", '"https://commonplayground.herokuapp.com/"'
    // workaround for signing. Has to be changed later:
```

💬 New comment   line 24 ↗

DRAFT   ⊝

  🐱   Mind explaining this a bit? What are you working around and how should it be fixed later?|

WRITE   PREVIEW   draft saved   [M↓]?   ☁ 🗑 ↗

```
        signingConfig debug.signingConfig
    }
}
compileOptions {
```
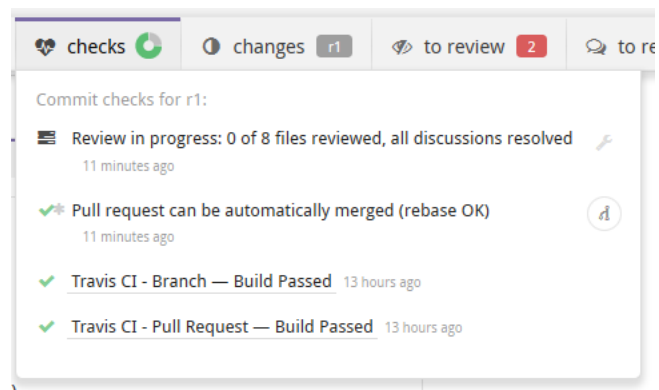   ⌄ EXPAND

Other nice Features

If you have any deployment checks you can view them before reviewing (as you can in GitHub)

Reviewable also tells you if there are still discussion open and whether you will have a merge conflict or not

You have full control over the pull request in Reviewable as you would have in GitHub. You can add your necessary reviews here (approval) or block the PR until something is resolved. You can also call in other reviewers who you think should have a second look at this.
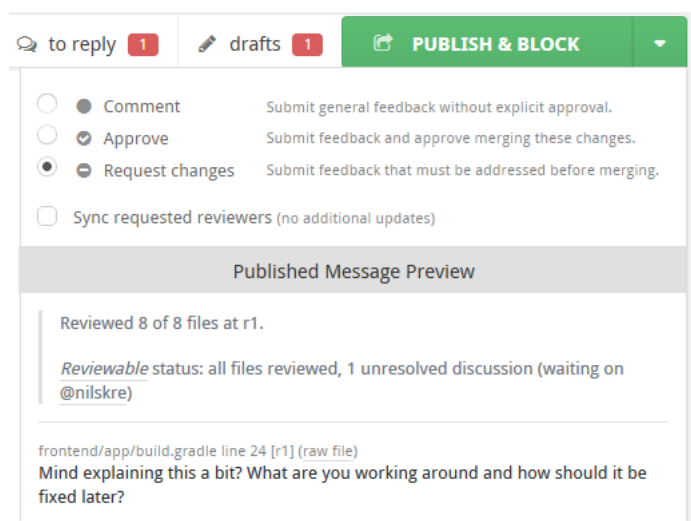
You can then finish the entire merging process in Reviewable. You can basically handle the entire pull request without opening GitHub once (provided your syncing already works and you don't need to copy the PR link)