

# Package: BiocMaintainerApp (via r-universe)

May 29, 2026

**Title** View Bioconductor Package Maintainer Information Interactively

**Version** 1.1.0

**Description** This package allows interactive viewing of package maintainer information. The Bioconductor Package Maintainer Application sends yearly verification emails to accept Bioconductor policies; this application also depicts maintainer status on opting in and if the email is deemed valid.

**License** Artistic-2.0

**Depends** R (>= 4.5.0)

**Imports** shiny, jsonlite, DT, shinyjs, shinythemes

**Suggests** knitr, BiocStyle, testthat (>= 3.0.0)

**biocViews** Infrastructure, ShinyApps

**BugReports** <https://github.com/lshp/BiocMaintainerApp/issues>

**URL** <https://github.com/lshp/BiocMaintainerApp>

**Encoding** UTF-8

**VignetteBuilder** knitr

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.3.3

**Config/testthat/edition** 3

**Config/pak/sysreqs** cmake make libuv1-dev zlib1g-dev

**Repository** <https://bioc.r-universe.dev>

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**RemoteUrl** <https://github.com/bioc/BiocMaintainerApp>

**RemoteRef** HEAD

**RemoteSha** 7ae43e10a89f5a6adcc6a0abc3f74bd099a24a5e

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|                     |  |
|---------------------|--|
| BiocMaintainerShiny | <i>Launch Shiny application for Bioconductor Maintainer Validation App</i> |
|---------------------|--|

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### Description

This shiny app allows exploration of package maintainers and validity of emails.

### Usage

```
BiocMaintainerShiny(...)
```

### Arguments

... Further arguments to the runApp function

### Details

This shiny app allows exploration of package maintainers and validity of emails. The associated Bioconductor validation app sends a yearly reminder of Bioconductor policies that maintainers should opt-in. Th app also reflects the status of accepting policies and whether or not the email was reachable.

### Value

Displays shiny app in browser

### Author(s)

Lori Shepherd

### Examples

```
if (interactive()) {  
  BiocMaintainerShiny()  
}
```

---

`get_maintainer_data` *Retrieve Maintainer Information*

---

### Description

Retrieves maintainer information from the package maintainer validation app

### Usage

```
get_maintainer_data(  
  url = "https://pkgmaintainers.bioconductor.org/download-maintainer-db"  
)
```

### Arguments

`url`                      Url to retrieve data from whose data can be parsed with `jsonlite::fromJSON`

### Details

Retrieves maintainer information from the package maintainer validation app

### Value

data.frame of maintainer information

### Author(s)

Lori Shepherd

### Examples

```
tbl <- get_maintainer_data()
```

---

|                |   |
|----------------|---|
| getInfoByEmail | <i>Get Maintainer Information by Maintainer Email</i> |
|----------------|---|

---

**Description**

Retrieves maintainer information by maintainer email

**Usage**

```
getInfoByEmail(email)
```

**Arguments**

email                    current Bioconductor package maintainer email

**Details**

Retrieves maintainer information by maintainer email

**Value**

data.frame of maintainer information including name, package, email, consent\_date, email\_status, is\_email\_valid

**Author(s)**

Lori Shepherd

**Examples**

```
tbl <- getInfoByEmail("maintainer@bioconductor.org")
```

---

|               |  |
|---------------|--|
| getInfoByName | <i>Get Maintainer Information by Maintainer Name</i> |
|---------------|--|

---

**Description**

Retrieves maintainer information by maintainer name

**Usage**

```
getInfoByName(name)
```

**Arguments**

name                    current Bioconductor package maintainer name

**Details**

Retrieves maintainer information by maintainer name

**Value**

data.frame of maintainer information including name, package, email, consent\_date, email\_status, is\_email\_valid

**Author(s)**

Lori Shepherd

**Examples**

```
tbl <- getInfoByName("Lori Shepherd")  
tbl <- getInfoByName("Hervé Pagès")
```

---

|                               |   |
|-------------------------------|---|
| <code>getInfoByPackage</code> | <i>Get Maintainer Information by Package Name</i> |
|-------------------------------|---|

---

**Description**

Retrieves maintainer information by package name

**Usage**

```
getInfoByPackage(packageName)
```

**Arguments**

packageName      current Bioconductor package

**Details**

Retrieves maintainer information by package name

**Value**

data.frame of maintainer information including name, package, email, consent\_date, email\_status, is\_email\_valid

**Author(s)**

Lori Shepherd

**Examples**

```
tbl <- getInfoByPackage("BiocFileCache")
```

---

|              |   |
|--------------|---|
| isEmailValid | <i>Check if Maintainer Email is Valid</i> |
|--------------|---|

---

**Description**

Retrieves if maintainer email is valid

**Usage**

```
isEmailValid(email)
```

**Arguments**

email                    current Bioconductor package maintainer email

**Details**

Retrieves if maintainer email is valid.

**Value**

list. All lists have attribute 'valid' which is TRUE/FALSE. If valid is FALSE, the list will also contain an attribute 'data' with additional diagnostic columns in the database. This includes: email, name, package, consent\_date, email\_status, is\_email\_valid, bounce\_type, bounce\_subtype, smtp\_status, diagnostic\_code. If no 'data' attribute is included, the email is not found in the database.

**Author(s)**

Lori Shepherd

**Examples**

```
tbl <- isEmailValid("maintainer@bioconductor.org")
```

---

|                  |                              |
|------------------|------------------------------|
| listAllBadEmails | <i>List All 'Bad' Emails</i> |
|------------------|------------------------------|

---

**Description**

Retrieves all 'bad' emails.

**Usage**

```
listAllBadEmails()
```

**Details**

Retrieves all 'bad' emails. A 'bad' email is either invalid or has not consented within the last year.

**Value**

character vector that lists all maintainer emails.

**Author(s)**

Lori Shepherd

**Examples**

```
tbl <- listAllBadEmails()
```

---

```
listEmailsOnSuppressionList
```

*List All Emails on Suppression List*

---

**Description**

Retrieves all emails on AWS Suppression List

**Usage**

```
listEmailsOnSuppressionList()
```

**Details**

Retrieves all emails on AWS Suppression List

**Value**

list. First attribute is 'awssuppression' which is TRUE. Second attribute is 'data' which is a data.frame that includes the email and name.

**Author(s)**

Lori Shepherd

**Examples**

```
tbl <- listEmailsOnSuppressionList()
```

---

|             |                                |
|-------------|--------------------------------|
| listInvalid | <i>List All Invalid Emails</i> |
|-------------|--------------------------------|

---

**Description**

Retrieves all invalid emails

**Usage**

```
listInvalid()
```

**Details**

Retrieves all invalid emails

**Value**

data.frame of maintainer information for anyone with a currently identified invalid email. This includes: email, name, package, email\_status, is\_email\_valid, bounce\_type, bounce\_subtype, smtp\_status, diagnostic\_code. An email is designated invalid if the validation email failed to send either for a bounce or because it is on the AWS suppression list.

**Author(s)**

Lori Shepherd

**Examples**

```
tbl <- listInvalid()
```

---

|                  |  |
|------------------|--|
| listNeedsConsent | <i>List All Maintainer that Need Consent</i> |
|------------------|--|

---

**Description**

Retrieves all maintainers that need to consent to Bioconductor policies.

**Usage**

```
listNeedsConsent()
```

**Details**

Retrieves all maintainers that need to consent to Bioconductor policies. Bioconductor requires maintainers consent to Bioconductor policies once a year.

**Value**

character vector that lists all maintainer emails that need consent.

**Author(s)**

Lori Shepherd

**Examples**

```
tbl <- listNeedsConsent()
```

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