

Contributing to the Guix Data Service as an Outreachy intern

<https://data.guix.gnu.org/>

Hello!

 This is Danjela 

Fresh Computer Science Undergrad

Outreachy '20 Intern

Recently joined Acrolinx



Atlantic Ocean

North Sea

Baltic Sea

Arctic Ocean

Black Sea

Albania

Mediterranean Sea

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What is the Guix Data Service?



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“The aim of the Guix Data Service is to provide a complementary interface to Guix itself, providing a different way of interacting with Guix data, which hopefully enables tools and services that otherwise wouldn't be feasible to write.”




Outreachy

- Internship program that provides internships in open source projects and open science initiatives.
- Interns are people subject to systemic bias, impacted by underrepresentation in their local technical industry.
- Aimed at improving diversity in Free and Open Source communities.

<https://www.outreachy.org/>

 **Remote-** both interns and mentors work remotely

 **3 months** - internships run May to August, or December to March



Improving Internationalization Support for the Guix Data Service



Improving Internationalization Support for the Guix Data Service

Provided translations for:

- package synopsis and descriptions
- lint checker descriptions
- lint warning messages

How was this accomplished?

- With the help of my mentor, Christopher Baines! Very thankful to him for his time and patience!
- In a nutshell:
 - Utilized the guix i18n module to extract the translations
 - Stored them in the PostgreSQL database
 - Made them available via the Web Interface and API

<https://www.outreachy.org/>

Revision 4017a47766e84be1072f4bedddda131db69366d5

Locale

fr_FR.UTF-8

Language

Update results

View JSON

Package: audacity @ 3.1.3

- Synopsis** Software for recording and editing sounds
- Description** Audacity est un éditeur audio multi-pistes conçu pour enregistrer, jouer et modifier des sons numériques. Il propose des effets numériques et des outils d'analyse spectrale.
- Home page** <https://www.audacityteam.org/>
- Location** <gnu/packages/audio.scm> (line: 768, column: 2)
- License** GPL 2+

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Lint warnings

Lint	Message	Location
input-labels Identifie les étiquettes d'entrées qui ne correspondent pas aux noms du paquet	l'étiquette « gettext » ne correspond pas au nom du paquet « gettext-minimal »	gnu/packages/audio.scm (line: 832, column: 5)
formatting Recherche des problèmes de format dans la source	des parenthèses se sentent seules. À déplacer à la ligne suivante ou précédente	gnu/packages/audio.scm (line: 802, column: 0)

Skills Gained





Guile Scheme

Git

SQL Query Optimization

Building Confidence

Potential Next Steps

Guix Weekly News

<https://prototype-guix-weekly-news.cbaines.net/>

Incorporating the search functionality for packages in the Guix Website

<https://guix.gnu.org/en/packages/>

Don't be afraid to:



Don't be afraid to:

break things

The text is centered on a light blue background. On either side of the text, there are decorative elements consisting of two parallel, slightly curved dashed lines in a light blue color.

Don't be afraid to:

break things

ask questions

Thank you!

