



# Go.Data project evolution

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*Launch event: Transition of Go.Data tool to open source*

24 April 2024

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## Go.Data – A digital tool for outbreak response and contact tracing

- An innovative tool developed by WHO in collaboration with Global Outbreak Alert and Response Network (GOARN) partners
- Designed for field-based users (i.e., epidemiologists, contact tracers, lab personnel) to manage case and contact data
- Generates a series of outputs and analyses such as contact follow-up lists and visualization of chains of transmissions.
- It is a highly configurable and easy-to-adapt tool for a wide range of outbreak scenarios and contexts.



# Areas of impact

## Timeliness



Improved timeliness and completeness of the outbreak investigation data.

## Quality



Improved data quality.

## Access



Improved access to case and contact data, including related data.

## Visualisation



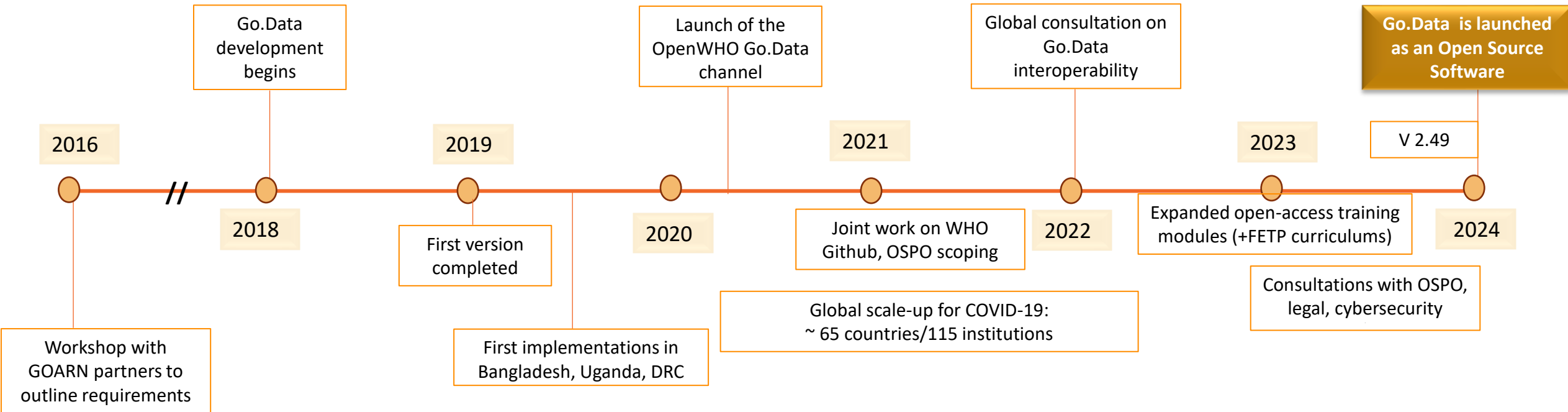
Automated and improved data visualisation, analysis and reporting.

## Integration



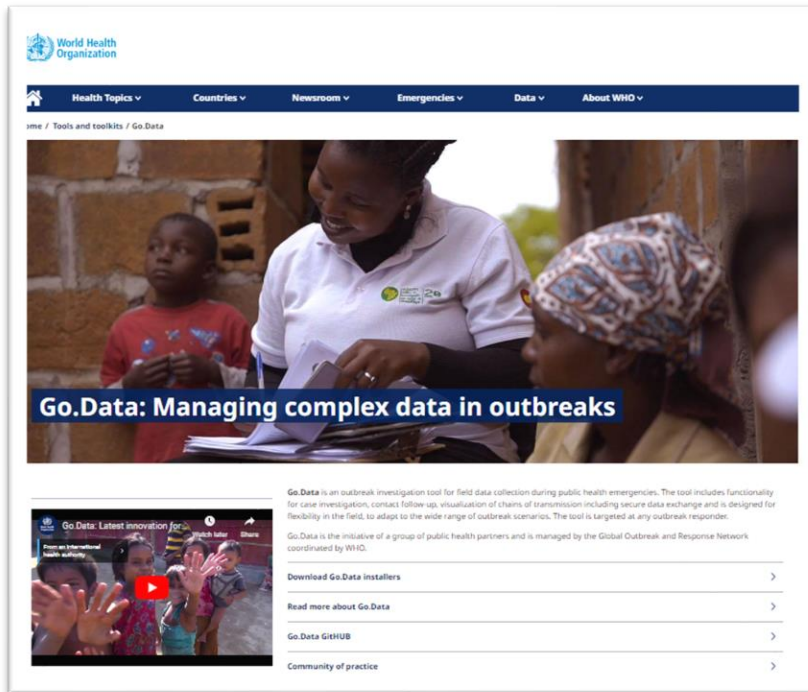
Reduced number of disconnected data sets.

# How have we gotten here?





# Go.Data as Open Source Project



Go.Data portal and installation files:  
<https://www.who.int/tools/godata>

## What's new?

- Go.Data is now an open-source software licensed under the **GNU General Public License v3.0** (GPL-3.0).
- **Go.Data installers** are available through the Go.Data page on the WHO website
- **Source code** stored in public repository in WHO GitHub (<https://github.com/WorldHealthOrganization/godata/>)

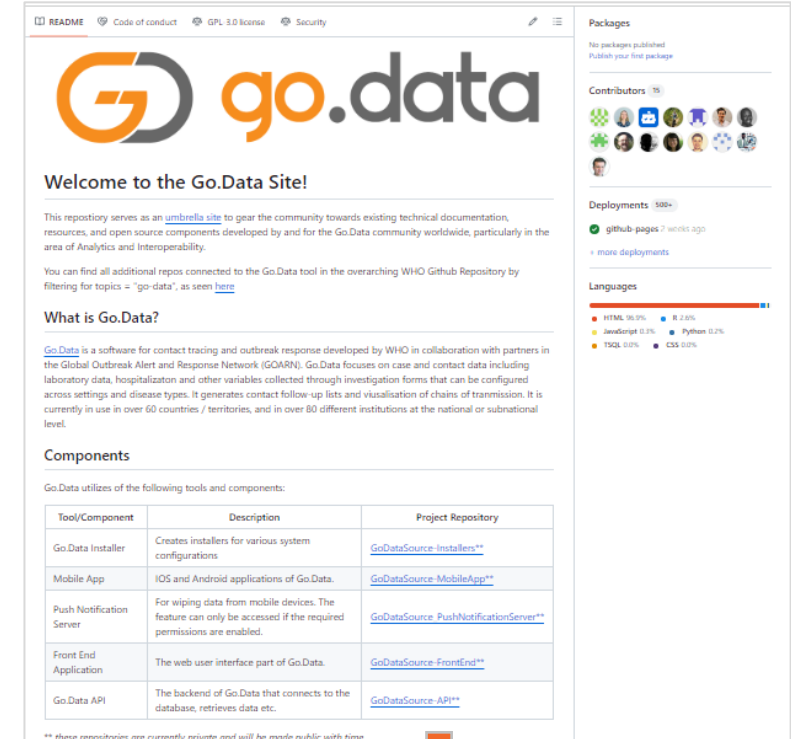
## What remains the same?

- **Project coordination**, including app maintenance, and management of the Open Source community will continue to be the responsibility of the Go.Data project team and GOARN partners.

Implementing countries, territories or institutions will continue to have the complete authority to govern the software implementation process and manage any subsequent data collection/hosting.

# Go.Data as Open Source Project (cont.)

- **Community of practice (CoP)**
  - The **CoP** transitioned to the **GOARN Knowledge platform** where users can connect, share knowledge and troubleshoot.
  - Discussions within the CoP will more easily **connect implementers with developers** worldwide.
- **Contributions**
  - Contributors to the CoP will be able to propose **enhancements to the source code, submit an issue, or request a feature** on the Go.Data GitHub.
  - Participation in the CoP is open to Go.Data users worldwide.



README Code of conduct GPL 3.0 license Security

# go.data

Welcome to the Go.Data Site!

This repository serves as an [umbrella site](#) to gear the community towards existing technical documentation, resources, and open source components developed by and for the Go.Data community worldwide, particularly in the area of Analytics and Interoperability.

You can find all additional repos connected to the Go.Data tool in the overarching WHO GitHub Repository by filtering for topics = "go-data", as seen [here](#).

## What is Go.Data?

[Go.Data](#) is a software for contact tracing and outbreak response developed by WHO in collaboration with partners in the Global Outbreak Alert and Response Network (GOARN). Go.Data focuses on case and contact data including laboratory data, hospitalization and other variables collected through investigation forms that can be configured across settings and disease types. It generates contact follow-up lists and visualisation of chains of transmission. It is currently in use in over 60 countries / territories, and in over 80 different institutions at the national or subnational level.

## Components

Go.Data utilizes the following tools and components:

Tool/Component	Description	Project Repository
Go.Data Installer	Creates installers for various system configurations	<a href="#">GoDataSource-Installers**</a>
Mobile App	iOS and Android applications of Go.Data.	<a href="#">GoDataSource-MobileApp**</a>
Push Notification Server	For wiping data from mobile devices. The feature can only be accessed if the required permissions are enabled.	<a href="#">GoDataSource-PushNotificationServer**</a>
Front End Application	The web user interface part of Go.Data.	<a href="#">GoDataSource-FrontEnd**</a>
Go.Data API	The backend of Go.Data that connects to the database, retrieves data etc.	<a href="#">GoDataSource-API**</a>

\*\* these repositories are currently private and will be made public with time

## Contributing to Go.Data

Thank you for taking the time to contribute! Please read our [code of conduct](#) before contributing and check out our [discussions](#) to get in contact with the Go.Data project team and other community members.

### Got a Question or Problem?

[Post a question in the Go.Data Forum](#). Please provide sufficient information so that other community members can understand and help you!

### Issue Types

- [Submitting an Issue](#)
- [Security Issues](#)
- [Issue Types](#)
  - [Bug Report](#)
  - [Feature Request](#)

### Contributing

- [Contributing to the Project](#)

### Submitting an Issue

Before creating a new issue, please search the repository for similar issues first to avoid duplicates! You can do this by using the search field in the menu bar. If you find an issue that already covers your request or seems very similar, please comment on that issue.

Please make sure to always use one of the templates that are automatically presented to you when [creating a new issue](#) because it ensures that your issue is structured and contains all the information that we need. Issues that have not been created like this will be closed and you will be



# Learn More

## Community of Practice:

<https://goarn.who.int/virtual-spaces/godataproject>



**GOARN**  
Global Outbreak Alert and Response Network

## GLOBAL OUTBREAK ALERT AND RESPONSE NETWORK

Provides international public health resources to control outbreaks and public health emergencies.

**GOARN**  
Global Outbreak Alert and Response Network

### Go.Data project

Go.Data is an outbreak investigation tool for field data collection during public health emergencies. The tool includes functionality for case investigation, contact follow-up, visualization of chains of transmission including secure data exchange and is designed for flexibility in the field, to adapt to the wide range of outbreak scenarios. The tool is targeted at any outbreak responder.

Go.Data is the initiative of a group of public health partners and is managed by the Global Outbreak and Response Network coordinated by WHO.

#### Background

During an outbreak, a large amount of data and information is generated in a short period of time and must be kept up to date and shared with different actors in the response. This includes case data, contact data, laboratory and clinical data, contact follow-up information.


The outbreak response team working in the field needs robust and reliable tools to manage potentially large amounts of data and efficiently coordinate their essential work.

The outbreak response team is a multi-partner collaboration. Experts from ministries of Health, non-governmental organisations, United Nations agencies etc. may be deployed and need to work together in a clear and efficient manner.



## Website and installation files:


<https://www.who.int/tools/godata>



World Health Organization

Home / Tools and toolkits / Go.Data

## Go.Data: Managing complex data in outbreaks



**Go.Data** is an outbreak investigation tool for field data collection during public health emergencies. The tool includes functionality for case investigation, contact follow-up, visualization of chains of transmission including secure data exchange and is designed for flexibility in the field, to adapt to the wide range of outbreak scenarios. The tool is targeted at any outbreak responder.

Go.Data is the initiative of a group of public health partners and is managed by the Global Outbreak and Response Network coordinated by WHO.

- Download Go.Data installers
- Read more about Go.Data
- Go.Data GITHUB
- Community of practice

## Technical documentation and code:

<https://worldhealthorganization.github.io/godata/>



Search Go.Data Docs Site

Go.Data on GitHub Community of Practice

# go.data

Welcome to the Go.Data documentation site!

This is linked to the public WHO Go.Data Github repository: <https://github.com/WorldHealthOrganization/godata>

You can find a collection of all other forked repositories related to the Go.Data project [here](#).

### About Go.Data

Go.Data is an outbreak investigation tool for public health emergencies, and includes functionality for case investigation, contact follow-up, visualization of chains of transmission including secure data exchange and is designed for flexibility in the field, to adapt to the wide range of outbreak scenarios. The tool is targeted at any outbreak responder.

## Go.Data Docs Site

- Home
- Data Management
- Analytics & Dashboards
- Live Integrations/Extensions
- Go.Data Interoperability Toolkit
- How to contribute
- Learn More



# Country use cases



[Annual Report](#)



[Interoperability Consultation Report](#)



[Argentina](#)



[South Africa](#)



# Thank you!

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