

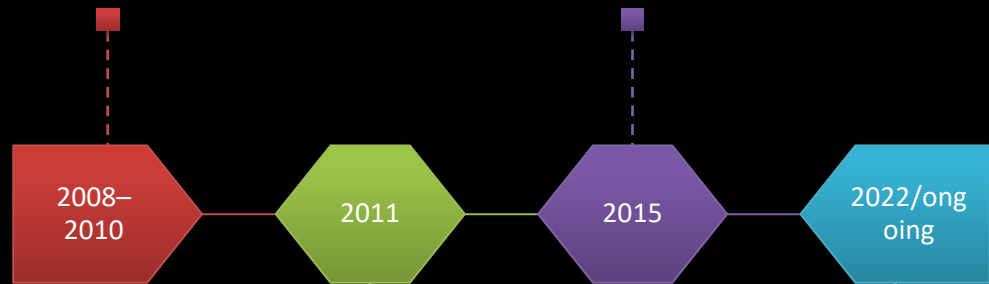
GRIN-Global

Current Status

“Where we are now”

GG Development Timeline

Initial Development
Project
Crop Trust / USDA /
Biodiversity
partnership

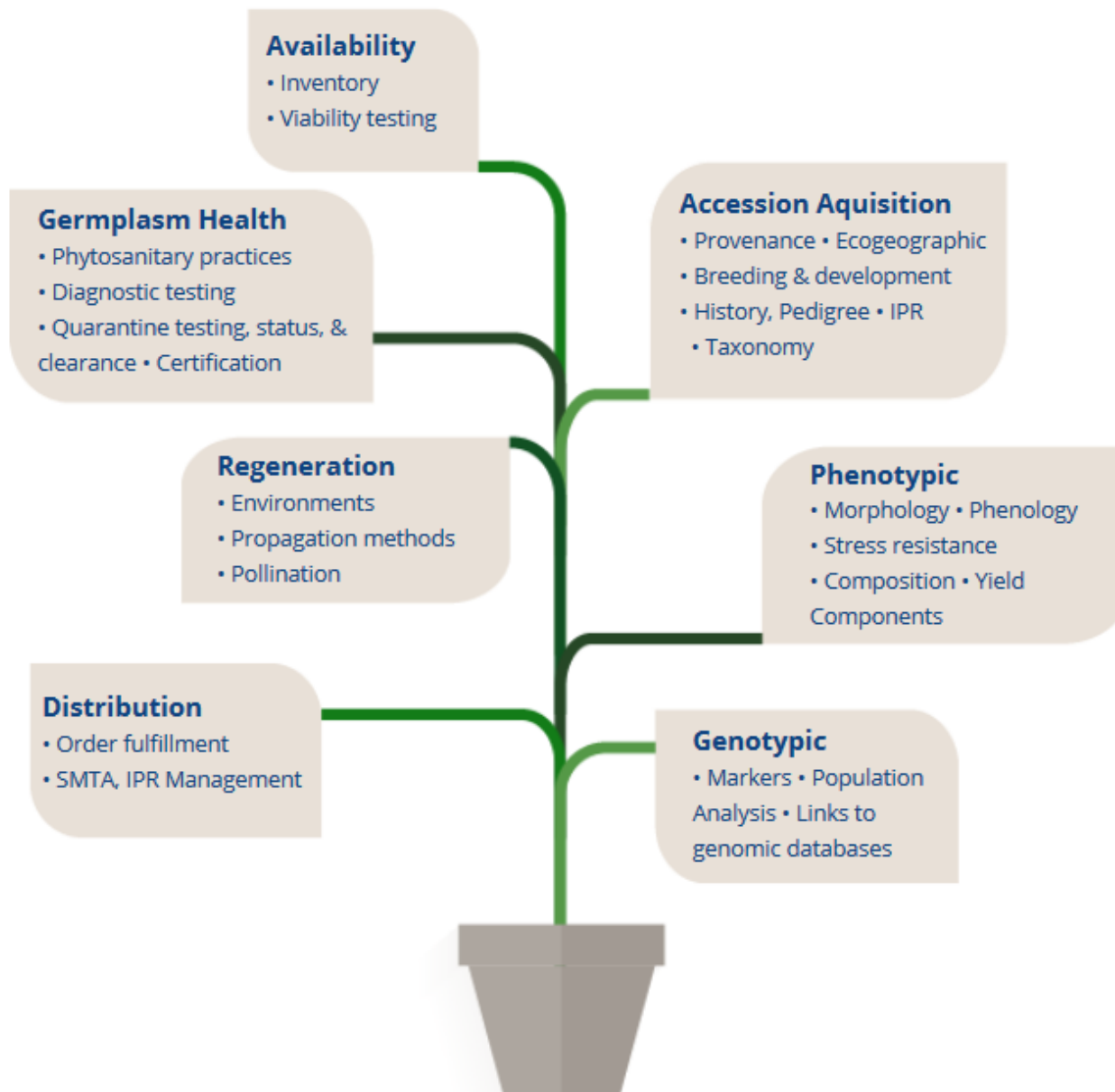


USDA is the 4th
genebank to adopt
GG

Release 1.0.7
available to all
genebanks

USDA... server and CT
updates
approximately
quarterly

What data is stored in GRIN-Global?



GG Project Website

- <https://www.grin-global.org/>
- GG Documentation & announcements

The screenshot displays the GRIN-Global Project website interface. At the top is a green navigation bar with the following menu items: GRIN-Global, About GRIN-Global, GG Sites, Release Notes, Documentation, Training, and Resources. Below the navigation bar is the GRIN-Global logo and the text "The GRIN-Global Project". A search bar with the text "ENHANCED BY Google" is located below the logo. The main content area features a world map with numerous location markers. A legend in the bottom right of the map indicates that blue pins represent "Evaluating" projects and green pins represent "Implemented" projects. The map shows a high density of projects in Europe and Africa, with several implemented projects in North America, South America, and Asia. To the right of the map is a "News & Notes" section. It contains the following text: "eMail Support - Note: There are two. USDA - use NPGS GRIN-Global Helpdesk NPGS: GRINglobal.Feedback@usda.gov". Below this is "GRIN-Global International Helpdesk helpdesk@grin-global.org". A blue heading reads "September 10, 2022 - New GG Server Release". Underneath is the GRIN-Global logo and the text "Latest Server Release". At the bottom of the news section, it states "USDA released Server version 2.3.1 on September 10, 2022. Refer to the [Release Notes](#) for details".

International Committee

ZOOM

ZOOM meetings

Open

Open to all

Meet

Meet ~ bi-monthly / quarterly

Send

To be included on email announcements:
send an email to marty.reisinger@usda.gov

Frequent Participant Organizations

- Australia Grains Genebank
- Canada
- CGIAR members: CIMMYT, CIP, CIAT...
- Crop Trust
- Nordgen
- Tunisia
- USDA

Facebook Page



<https://www.facebook.com/gringlobal>



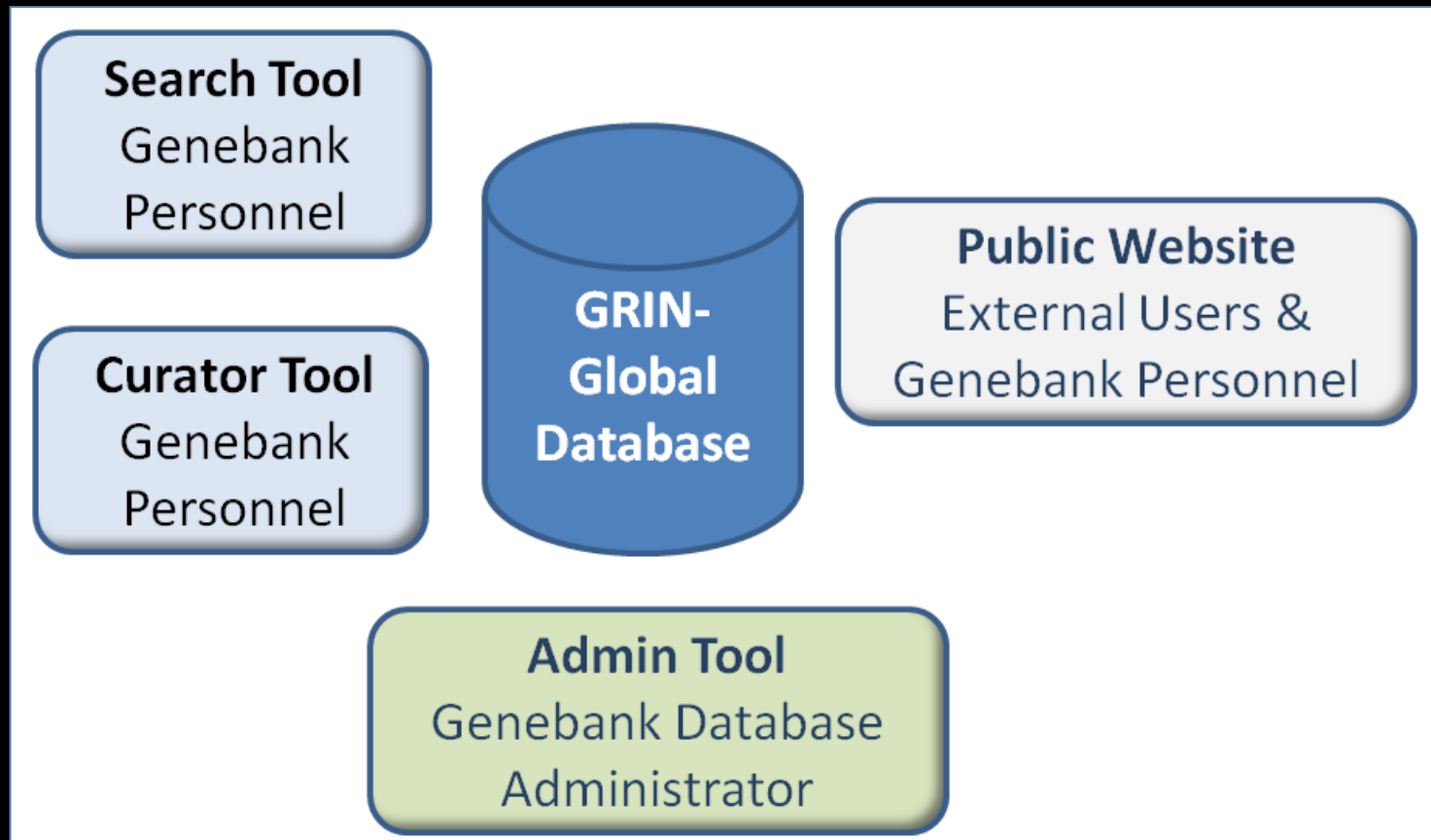
- Development team members
 - Beltsville Maryland (server / Middle Tier, GG Public Website, Search Tool, auxiliary tools)
 - Ames Iowa (Curator Tool, BrAPI)
 - Fort Collins (auxiliary tool: “smile”)

USDA Development Process

- Advisory Committee meets semi-monthly
- Crop Germplasm Committees
- Trac system for recording bugs and enhancements

<https://npgsweb.ars-grin.gov/trac/GG>

GG Components



Recent Changes - Server

- June, 2021 –
germplasm requests can be made by accession or by inventory. (This change was made to accommodate requests for clonal material)
- users can request multiple inventory items and multiple form types

Recent Changes - Server

- November, 2021 – changes relating to improved taxonomy pages on the public website
- ... a browse capability was added to the taxonomy search page to allow searches on family, genus, species and/or common name

Recent Changes - Server

- May, 2022 –

“Seasonal availability ranges implemented” - new inventory_maint_policy_season table implemented to indicate date ranges

Search engine now assigns weights to fields that are more relevant to a search

Recent Changes - Server

- September, 2022 –

Database changes:

- DOI field added to inventory
- 3 fields now in accession: lifecycle, lifehabit, and accession_life_sex data
- production_location added to inventory to track where lot is grown

Recent Changes - CT

May, 2022

- Revised attachment wizard to work with all attachment tables

Autumn 2022 (in test)

- Curator Tool will include a barcode server for generating barcodes on reports

“Utility” Tools

Access Rights
Management

Taxonomy Editor

NRRs (“Non Research
Requests”)
(Order Manager)

Password-Reset Self-
Service

Site Admin Tool



“Utility” Tools

- Not yet available – need to be scanned
- Soon will be available on Gitxxx

Curator Tool Password Reset


GRIN-Global

Password Reset Self-Service

Please enter your GRIN-Global Curator Tool user name.

You will receive an email containing a link that will expire within 24 hours. Follow this link to reset your password.



 Email Me a Password Recovery Link

Cancel

Taxonomy Editor

TurboTaxon

Haag, Benjamin

Search

Home

Folders

MANAGE DATA

- Crop For CWR
- CWR Map
- CWR Trait
- Order
- Family
- Genus
- Species
- Synonyms
- Common Name
- Language
- Distribution
- Economic Use

My Folders

Data Types (1)

- TAXONOMY_CWR_CROP (3)

Categories (2)

- TEST DATA
- TEST DATA 2

My Folders Shared With Me

Select all Deselect all CSV Show 10 entries

ID	Title	Type	C
★ 1073	Benjamin's Test Crop For CWR Folder - All things yam.	taxonomy_cwr_crop	Te
1074	TEST CROP FOR CWR FOLDER -	taxonomy_cwr_crop	Te
1075	TEST CROP FOR CWR FOLDER 2 - TEST DATA	taxonomy_cwr_crop	TE

Showing 1 to 3 of 3 entries

OrderManager

The screenshot displays the OrderManager interface for 'Web Orders 2.0.9'. The user is identified as Martin A. Reisinger. The interface includes a sidebar with navigation options under 'APPLICATIONS', 'ORDERS', and 'REPORTS'. The main content area features a 'Filter by Status' section with options for NRR FLAG, SUBMITTED, CANCELED, and ACCEPTED. Below this is a 'Filter by Intended Use' section with options for Home Gardening and Education. The central part of the screen shows a table of orders with columns for ID, Status, Date, Requestor, Organization, and Review Status. The table is filtered to show 'SUBMITTED' orders from the last 7 days. A search bar and a 'Show 10 entries' dropdown are also present.

OrderManager User Martin A. Reisinger
Image

Web Orders 2.0.9 Home > Dashboard

Enter WOR ID... 🔍

GGTools NRR Review Tool

Web Orders

Web Orders to Orders

NRR Past Offenders

NRR Prevention

Web Order Statistics (2022)

Filter by Status

- NRR FLAG
- SUBMITTED
- CANCELED
- ACCEPTED

Filter by Intended Use

- Home Gardening
- Education

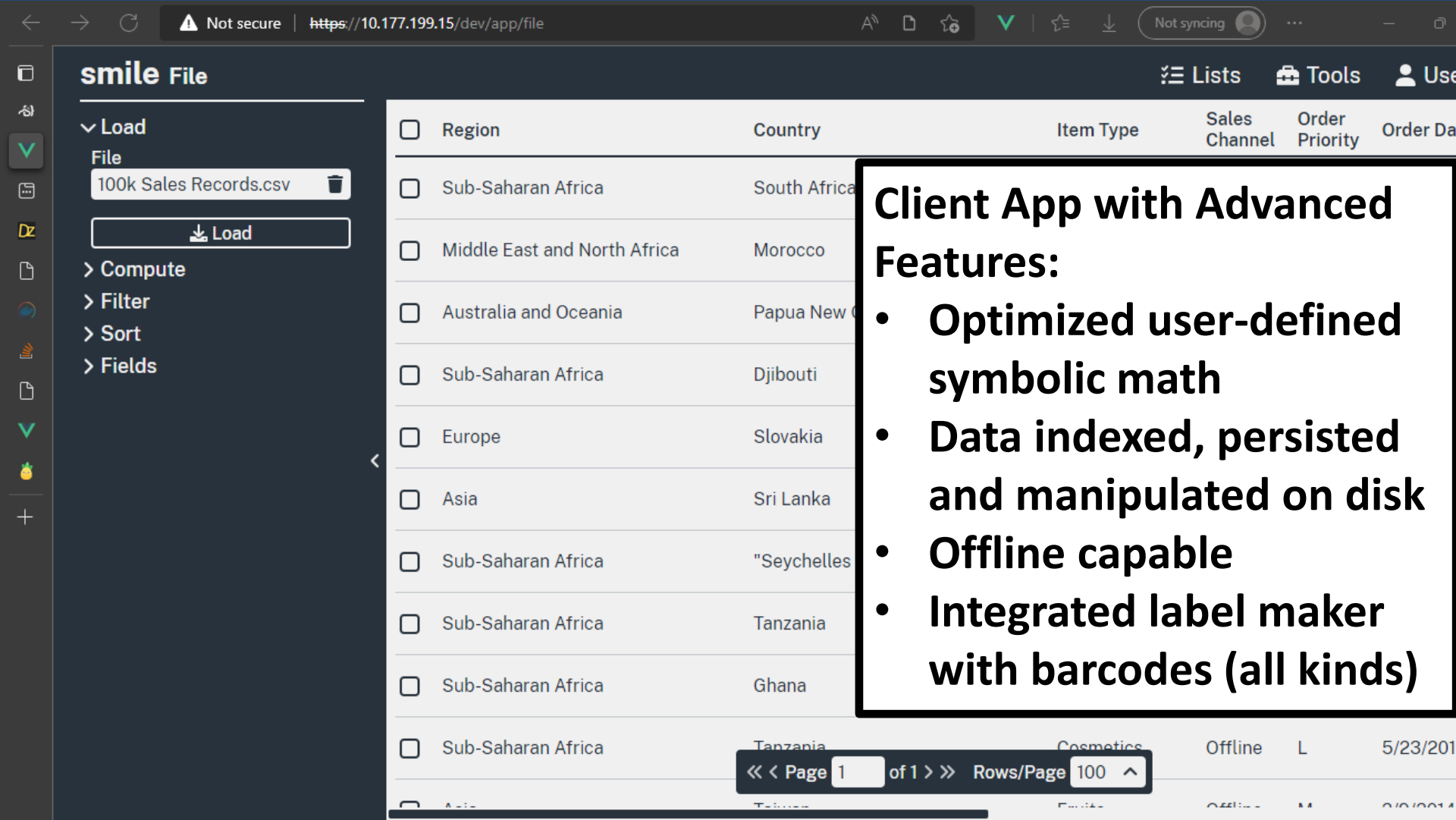
Today The Last 3 Days **The Last 7 Days** The Last 30 Days The Last 60 Days The Last 90 Days

Show 10 entries Search:

ID	Status	Date	Requestor	Organization	Review Status
57816	SUBMITTED	9/27/2022 at 12:59 PM	Ja		View
57817	SUBMITTED	9/27/2022 at 1:35 PM	He		View
57824	SUBMITTED	9/28/2022 at 9:55 AM	Ak		View
57831	SUBMITTED	9/28/2022 at 9:06 PM	Ha		View
57833	SUBMITTED	9/28/2022 at	Lu		View

smile

- smile is...
 - a containerized development environment
 - designed for collaboration – open source
 - a work in progress...
- So far, its just me...
cullen.mcgovern@usda.gov



Client App with Advanced Features:

- **Optimized user-defined symbolic math**
- **Data indexed, persisted and manipulated on disk**
- **Offline capable**
- **Integrated label maker with barcodes (all kinds)**

smile Features

- Client app fully configurable
- Built-in JavaScript/HTML label maker
- View state (query, filters, sorting, etc.) stored in url – share a link or bookmark a useful view
- ...
- Data can remain accessible offline
- GraphQL API is extensible

Community Wizards

- <https://gitlab.com/GRIN-Global/Wizards>
- Easy-SMTA
- GG-Genesys
- GLIS-DOI
- Print...

