

DISCLAIMER

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GA DEC 2026

EAP OCT 2026

GUI.

Mobile – improved rendering for small devices,

Smarter web apps – improved support for 'Front Calls',

Premium widget set – chat, circular image, star rating,

multi-field edit, floating action button, bar code

- Pixel Perfect Layout (PPL),
- Streamed voice input.

ROADMAP

FY24-26

- Search widget (construct),
- SQL, Form, Report generation,
- BDL coding assistants.

Language & infrastructure,

- · Logging, monitoring and observability,
- Authentication delegation,
- REST OpenAPI full support.

Report Writer,

- Smart tables (rowspan, autosize),
- SaaS Report Designer,
- Top N% in charts, transforms and pivot tables (Crystal Reports),
- Other Crystal Reports compatibility features.

- Conversational UI (chat),
- Chatbot documentation search.

GA FEB 2025 EAP DEC 2024

scanner...

2026

vNext+

GA DEC 2025

EAP SEP 2025

GBC - 'beautiful' theme,

· Chromebar design,

Multi-row selection,

Table manipulations.

Performance & compatibility.

Drag 'n' drop,

GUI.

GA DEC 2024 EAP OCT 2024

Theme customizer.

GA SEP 2024

EAP JUN 2024

Cloud & containers.

Containers & Kubernetes®.

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GENERO V5 MODULES





CLOUD & CONTAINERS





Cloud & Containers

Runtime container,

- Provides a base image with a ready to use runtime environment,
- Reference application server deployment architecture,
- Choice of database connectivity,
- Logging, monitoring.

Build container,

- Genero Archive (GAR) build service for Studio projects for integration in CI/CD,
- Builds a studio project into a GAR file.

Services.

- Training (Containers, Cloud, Kubernetes® (K8s)),
- · Application migration project: case by case upgrade to containers,
- Cost effective deployment to Cloud
 - (simple, docker compose, Application Load Balancer (ALB), K8s).



Cloud & Containers

Uses cases & benefits (Runtime container).

DevOps:

- Reference runtime environment for development and testing,
- Easily share and update environment,
- Reduce the gap between dev & operations,
- Infrastructure as Code (IaC) for a well defined and replicable production system.

Production:

- Virtualization as containers: ease & reliability of deployment,
- Choice of deployment system: on desktop machine, bare metal server, cloud single managed container, cloud with multiple containers and ALB, K8s for high and variable load.

Build application infrastructure from a preconfigured base container:

- Run with a GAR or Binaries,
- Complement base container with custom components and modules (using DockerFile).



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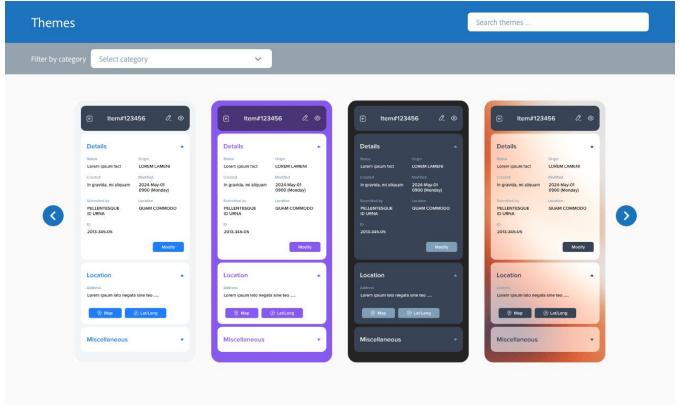
THEME CUSTOMIZER





Theme customizer

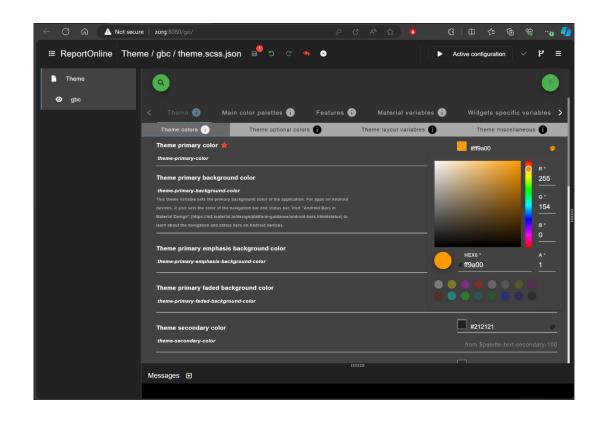
- > GBC Themes available on Web site.
 - Use as a base for custom designs.

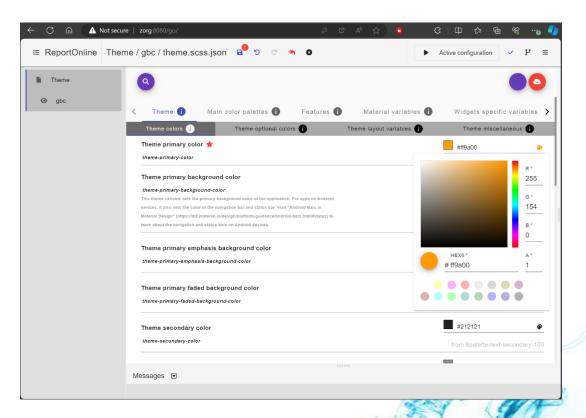




Theme customizer

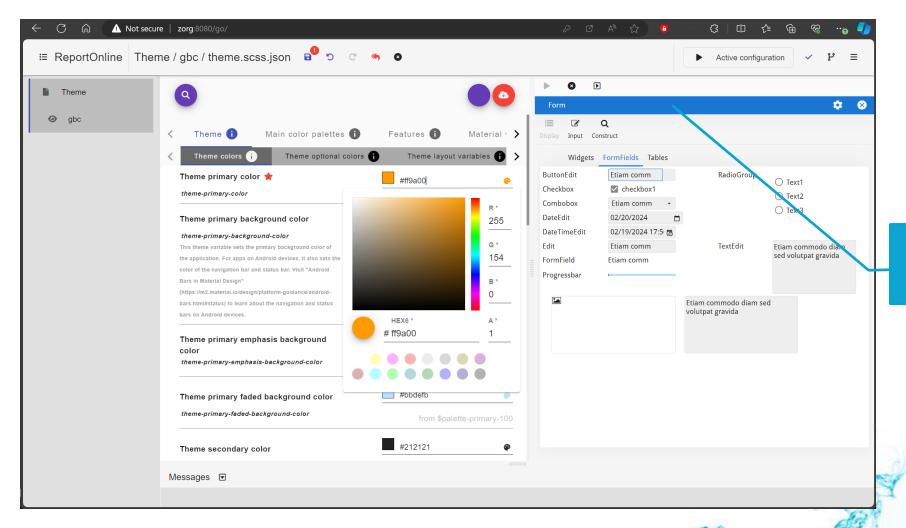
Online theme customizer.







Theme customizer





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Form

Preview

GWA & DB SYNC.

GENERO WEB APPS & DATABASE SYNCHRONIZATION SERVICE



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Genero Web apps (GWA)

- Offline micro-web apps that run in a browser,
 - Runtime and SQLite database offline in the browser.
- Ability to connect to the server.
 - via REST web services,
 - via REST database synchronization service,
 - via "runOnServer" Front Call: Execute server-side code with remote display.





Genero Web apps (GWA)

Use cases,

- High scalability: offline workload in the browser,
 - o No permanent server connection,
 - o Example: offline ordering to the server when local data entry is completed.
- High reliability: resilience to connection outage,
 - Example: POS (Point Of Sale) entering data locally until connection recovery.
- Offline use: use app even when disconnected,
 - o Example 1: metro app that can be used when underground,
 - o Example 2: delivery app working in no-internet zones.

Benefits.

- Deliver apps from web site rather than app stores (eliminate rejection risk & delays),
- Desktop & Web support (all platforms including Web books) in addition to iOS,

Android,

Appears as a standard native platform app.



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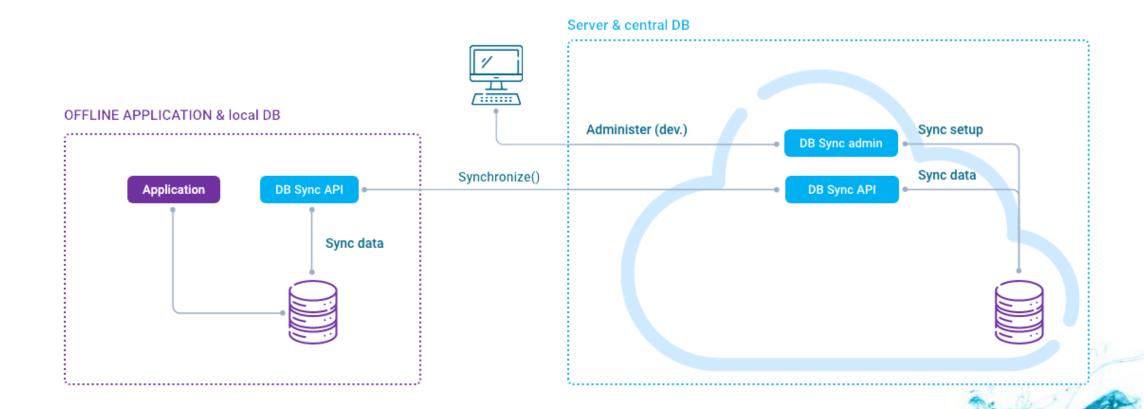
DB Sync - offline apps

- High level database synchronization Web service,
 - Configure what to synchronize via "DB Sync admin" application,
 - DB Sync synchronization API.
- Synchronization features.
 - Read from server database with data filtering,
 - o Select database tables to synchronize,
 - Apply filters to data (restrict data by user...).
 - Write to server database strategies per table:
 - Concurrent inserts/updates/deletes may conflict! Optimistic locking applies,
 - o Use filters to avoid conflicts (e.g., modification exclusive to owner),
 - o No write for read-only data or bespoke write logic (e.g. Web services).





DB Sync (offline apps)





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GENERO VNEXT





GENERO GUI





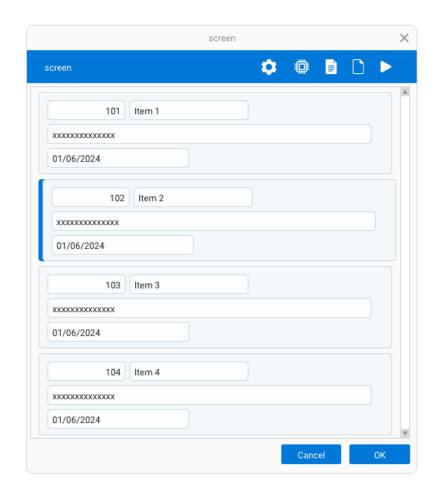
Beautiful themes, better look & feel

- Provide great visual experience out-of-box,
 - Default GUI review by a web designer.
- > Enhance rendering of some widgets,
 - Visual Feedback for touch devices (e.g. button pushed),
 - Stretchable ScrollGrid as a card view,
 - Distinct visuals of read only view and editable view.

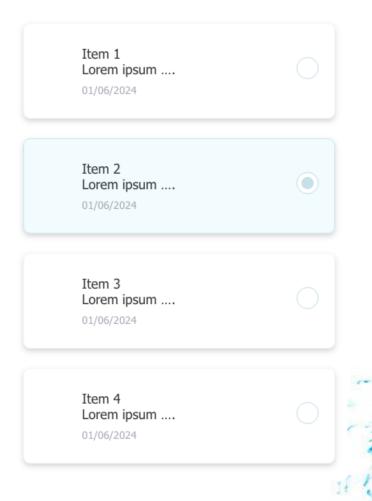




Beautiful themes, better L&F









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Mobile: improved UX on small devices

- Better UX for responsive applications when used on mobile device,
 - Applies to web applications (run in browser) on various devices and packaged apps for iOS (IPA) and Android (APK).
- Components impacted by UX review.
 - Chromebar design (actions back, OK...),
 - Multi-row selection,
 - Drag & drop,
 - Table manipulations (e.g. moving columns).





Smarter Web apps

- > Eliminate need wherever possible for Genero Desktop Client,
- Front-end specific features provided in Genero Browser Client.
 - Front Call: local notification support...



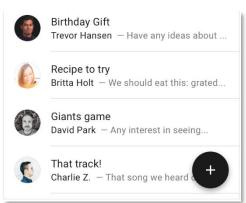


New Widgets

Premium widget pack.

- Chat component to display conversations,
- Multi-field edit,
- Circular image,
- Bar Code scanner specific widget,
- FAB Floating Action Button,
- Star Rating widget.







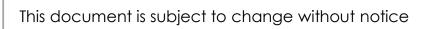




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LANGUAGE & INFRASTRUCTURE





Logging, monitoring and observability

- Logging / monitoring: manage and secure cloud deployment,
 - Consistent and centralized server-side logging,
 - Monitoring capabilities and metrics for:
 - Application server,
 - DVM,
 - Report Engine,
 - Integrate industry standard monitoring console.
- Observability: metrics of application usage to improve the application.
 - Provide observability at the level of the:
 - Application,
 - Form,
 - Dialog,
 - Action,
 - Per user session.





Authentication delegation

- Delegate authentication to major authentication providers,
 - AWS Cognito,
 - Microsoft Identity (aka. MS Active Directory)...
- Support Application Load Balancer (ALB) authentication delegation.





REST OpenAPI full support

- Support additional OpenAPI attributes.
 - AllOf,
 - AnyOf,
 - Patterns for allowed values,
 - Enums,
 - Comments (function summary, tags).





REPORT WRITER





Report Writer

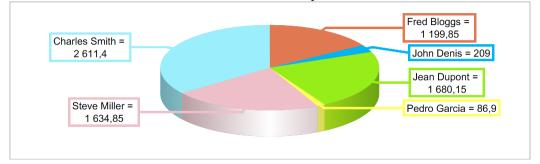
New smart Tables

- Auto column/row size computation depending on data,
- Row span: avoid repeating identical values.

> Top N%

- Filter/Display only Top N% values,
- Applies to.
 - Data transformations (.RST): Filter incoming data source,
 - Charts/Pivot tables: Filter displayed values.

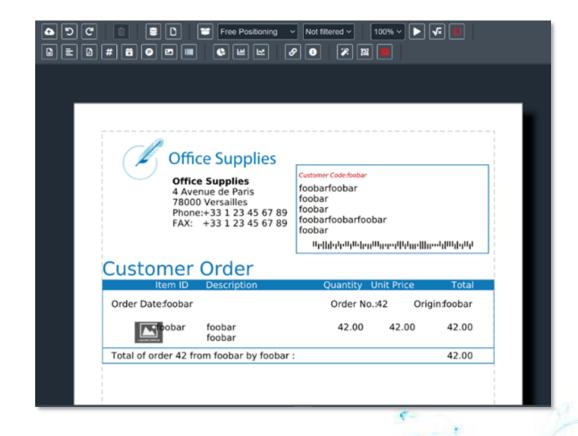
Revenue Distribution by Customers





Report Writer

- SaaS Designer.
 - Online simplified SaaS designer.





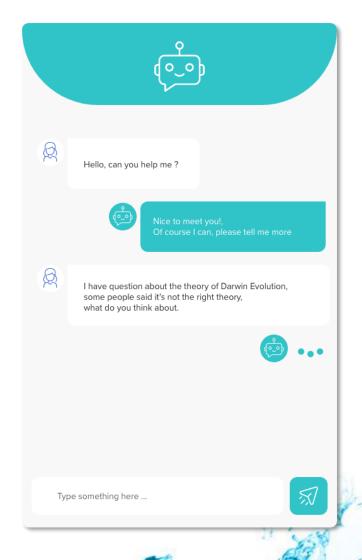






A

- Conversational UI (chat),
- Chatbot documentation search.
 - Conversational based on Gen Al.





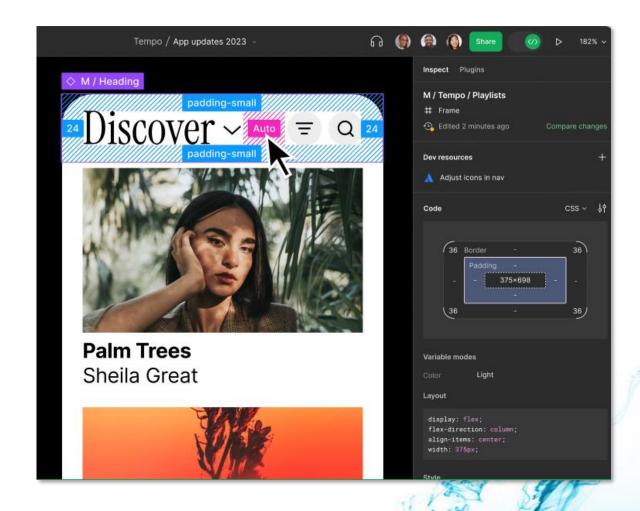
GENERO VNEXT+





Advanced GUI

- Pixels perfect layout (PPL),
- > Figma design
 - Generate forms from Figma[®]





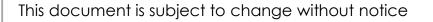
Al

- Streamed voice input,
- Al search widget (CONSTRUCT),
- Code generation,
 - SQL dataset,
 - DB schema,
 - Form,
 - Report.
- > BDL coding assistants.
 - Completion, correction, commenting, etc.

What are you looking for?







Q&A



