

ODK Summit - June 2025 - Rome

10 years

Using  and
designing forms





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Database (PostGIS) administrator / SQL fan
Geomatician

ODK fan (team, tools, community)

→ french translation (Central / Collect / tutos)

→ PG connectors : central2pg → pl/pyODK



1

A growing team

UX and form complexity

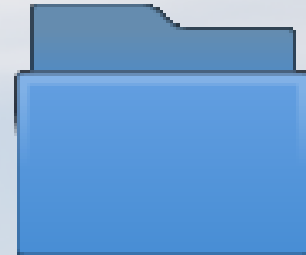
2

3

Forms from scratch ?

1

A growing team / 2015



1

A growing team / 2025



git



UX and form complexity

2

2015 tip : using phone number
to encode user's preferences
10 « possibilities »



UX and form complexity

2

2025 : question block
to encode user's preferences
→ `#{last-saved#settings}`

New question types shown
alongside the « old ones »
→ Calculation of the non null one

The image displays three overlapping screenshots of a mobile application interface, likely for data collection or survey management. The top screenshot, titled 'SICEN', shows a preference screen for 'Types de géométries saisies' (Types of geometries entered) with options 'oui' (yes) and 'non' (no). Below this, there are sections for 'Thématiques des données à collecter' (Data collection themes) with radio button options for 'Faune' (Fauna), 'Flore' (Flora), and 'Champignons & lichens ?' (Mushrooms & lichens?). The middle screenshot, titled 'suivi_maille_bota', shows a preference screen for 'Méthode d'affichage des mailles' (Mesh display method) with radio button options for 'fond de carte inerte (classique)' (Inert map background (classic)) and 'mailles cliquables (nouveau en test 2024)' (Clickable meshes (new in test 2024)). The bottom screenshot is partially obscured but shows a similar interface.

UX and form complexity

2



Ecological diagnosis

→ 60 Farms

Mapping / Evaluation

13 types of agro-ecological infrastructure
according to 3 criteria / 33 indicators



3

xlsforms from scratch ?

an xlsform can be compared to bricks
we can reuse it to create a new thing
we all have a form library

- template normalizes forms
- make it easier to reuse
- encourage sharing



Photo : Charlotte Bossaert

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xlsforms from scratch ?

Please share your own bricks
with the community !
on the [forum](#) or anywhere else like
[biodiversityforms.org](#) or [protocols.io](#)





THANK YOU

