

Gnu Radio Wizard Concepts

NAME:

Gnu Radio Wizard

PRIMARY ACTOR(S):

- Gnu radio user

PRECONDITION(S):

- User has GRC program
- User has SDR
- CTA accessible from GRC page
- User has network access

TRIGGER:

The user launches GRC (new file) and selects wizard CTA

Note: the intent is to depict high level user interactions and is not necessarily indicative of final visual design. This document includes sketches for three views

VIEW 1: INTRO

Branding

Exit wizard

Choose an objective for your project:

[More help on how to choose](#)

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Continue >

- User can exit wizard at anytime.
- Outbound link (“more help...” goes to page with additional info about set-up options. Possibly tutorial)
- On-click (objective selection), “Continue” CTA appears, allowing user to go to next step

VIEW 2: Components set-up v.1

Branding

Exit wizard

Wizard Task List

SDR Setup Modulator Set-up Set-up Option

Choose from common SDRs

OR Manually enter your SDR

fieldname1

fieldname2

fieldname3

Export File

< Back to Objectives

- Now that a user has selected the objective, they come to the tabbed set-up view that allows them to work through core/mandatory components of set-up
- Wizard task list validates user inputs. Once all status boxes have a checkmark, the user will be able export the file.
- Primary design mechanic: single page wizard set-up. User can tab through variables until configuration is satisfactory. Then they export.
- User can go back to objectives section

VIEW 2: Components set-up v.2

Branding

Exit wizard

Wizard Task List

Export File

SDR Setup

Modulator Set-up

Set-up Option

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Sed ut s?
☒ Option A
☐ Option B

Sed ut s
mixvalue
maxvalue

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fieldname2
fieldname3

Sed ut perspiciatis

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< Back to Objectives

- This view shows another optional tab. Recent class discussions hinted that giving the user a choice of options within set-up options could hide/reveal different set-up parameters.