

# Package ‘CruzPlot’

October 12, 2022

**Title** Plot Shipboard DAS Data

**Version** 1.4.8

**Description** A utility program oriented to create maps, plot data, and do basic data summaries of 'DAS' data <<https://swfsc-publications.fisheries.noaa.gov/publications/TM/SWFSC/NOAA-TM-NMFS-SWFSC-305.PDF>> produced by 'WinCruz' from the Southwest Fisheries Science Center. <<https://www.fisheries.noaa.gov/west-coast/science-data/california-current-marine-mammal-assessment-program>>.

**URL** <https://smwoodman.github.io/CruzPlot/>,  
<https://github.com/smwoodman/CruzPlot/>

**BugReports** <https://github.com/smwoodman/CruzPlot/issues/>

**Depends** R (>= 4.0.0)

**Imports** dplyr, DT, geosphere, mapdata, marmap, maps, shiny, shinydashboard, shinyjs, stringr, swfscDAS (>= 0.3.0)

**Suggests** httr, testthat

**License** CC0

**Encoding** UTF-8

**RoxygenNote** 7.2.0

**NeedsCompilation** no

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**Repository** CRAN

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CruzPlot-package      *CruzPlot*

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**Description**

Create maps of shipboard DAS data

**Details**

A utility program oriented to create maps, plot data, and do basic data summaries from data files in the "DAS" format produced by WinCruz.

**Author(s)**

Sam Woodman <sam.woodman@noaa.gov>

**See Also**

<https://smwoodman.github.io/CruzPlot/>

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cruzplot\_gui      *Open CruzPlot*

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**Description**

Open the CruzPlot utility program, an R Shiny application

**Usage**

```
cruzplot_gui(launch.browser = TRUE)
```

**Arguments**

launch.browser Logical with default of TRUE; passed to launch.browser argument of [runApp](#)

**See Also**

<https://smwoodman.github.io/CruzPlot/>

**Examples**

```
if (interactive()) cruzplot_gui(launch.browser = TRUE)
```

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