

Package ‘PERK’

May 7, 2026

Title Predicting Environmental Concentration and Risk

Version 0.0.9.2

Description A Shiny Web Application to predict and visualize concentrations of pharmaceuticals in the aqueous environment.

Jagadeesan K., Barden R. and Kasprzyk-

Hordern B. (2022) <<https://www.ssrn.com/abstract=4306129>>.

License GPL (>= 3)

URL <https://github.com/jkkishore85/PERK/>,

<https://jkkishore85.github.io/PERK/>

BugReports <https://github.com/jkkishore85/PERK/issues>

Depends bs4Dash, DT, shiny, stats, tibble, utils

Imports colourpicker, config (>= 0.3.1), dplyr, forcats, ggplot2,
golem (>= 0.3.3), grDevices, magrittr, plotly, readr, shinyjs,
shinyWidgets, tidyr, tools, viridis, zoo

Suggests knitr, rmarkdown

VignetteBuilder knitr

Encoding UTF-8

Language en-US

RoxygenNote 7.2.3

NeedsCompilation no

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Repository CRAN

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`run_app`*Run the Shiny Application*

Description

Run the Shiny Application

Usage

```
run_app(  
  onStart = NULL,  
  options = list(),  
  enableBookmarking = NULL,  
  uiPattern = "/",  
  ...  
)
```

Arguments

<code>onStart</code>	A function that will be called before the app is actually run. This is only needed for <code>shinyAppObj</code> , since in the <code>shinyAppDir</code> case, a global <code>.R</code> file can be used for this purpose.
<code>options</code>	Named options that should be passed to the <code>runApp</code> call (these can be any of the following: "port", "launch.browser", "host", "quiet", "display.mode" and "test.mode"). You can also specify width and height parameters which provide a hint to the embedding environment about the ideal height/width for the app.
<code>enableBookmarking</code>	Can be one of "url", "server", or "disable". The default value, <code>NULL</code> , will respect the setting from any previous calls to <code>enableBookmarking()</code> . See <code>enableBookmarking()</code> for more information on bookmarking your app.
<code>uiPattern</code>	A regular expression that will be applied to each GET request to determine whether the <code>ui</code> should be used to handle the request. Note that the entire request path must match the regular expression in order for the match to be considered successful.
<code>...</code>	arguments to pass to <code>golem_opts</code> . See <code>'?golem::get_golem_options'</code> for more details.

Value

Opens up the in-built Shiny App.

Examples

```
if (interactive()) {  
  run_app()  
}
```

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