

Package: productshotaiR (via r-universe)

June 25, 2026

Type Package

Title Product Photo Planning Helpers

Version 0.1.0

Description Helpers for preparing ecommerce product photo planning tables, prompt sheets, and public ProductShot AI workflow URLs. The package works offline and focuses on data-frame preparation for product image batches.

License MIT + file LICENSE

URL <https://productshotai.app>,
<https://github.com/bbwadfg/productshotai-site-kit>

BugReports <https://github.com/bbwadfg/productshotai-site-kit/issues>

Encoding UTF-8

RoxygenNote 7.3.2

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

NeedsCompilation no

Author Baiwei Chu [aut, cre]

Maintainer Baiwei Chu <baiwei.chu@gmail.com>

Repository <https://bbwadfg.r-universe.dev>

Date/Publication 2026-06-24 10:00:02 UTC

RemoteUrl <https://github.com/cran/productshotaiR>

RemoteRef HEAD

RemoteSha 98b55146179fb81a689f0a248497069ecd7eca39

Contents

make_prompt_sheet	2
normalize_image_manifest	2
normalize_product_metadata	3

productshotai_prompt_sheet	3
productshotai_url	4
productshotai_urls	4
write_prompt_template	5

Index **6**

make_prompt_sheet *Build a Product Photo Prompt Sheet*

Description

Build a product-photo prompt planning table from ecommerce product metadata.

Usage

```
make_prompt_sheet(products, background_style = "clean studio background")
```

Arguments

products A data frame with product metadata.
background_style Default background direction for generated product photos.

Value

A data frame ready to export as a prompt planning CSV.

Examples

```
make_prompt_sheet(data.frame(product_name = "Red Shoe"))
```

normalize_image_manifest
Normalize product image metadata

Description

Normalize product image metadata for product-photo batch planning.

Usage

```
normalize_image_manifest(data)
```

Arguments

data A data frame with a file column.

Value

A data frame with file, product_slug, workbench_url, and notes.

Examples

```
normalize_image_manifest(data.frame(file = "Red Shoe.jpg"))
```

normalize_product_metadata
Normalize Product Metadata

Description

Normalize ecommerce product metadata for ProductShot AI prompt planning.

Usage

```
normalize_product_metadata(products)
```

Arguments

products A data frame with at least a product_name column.

Value

A normalized data frame with product_name, product_slug, and image_path.

Examples

```
normalize_product_metadata(data.frame(product_name = "Red Shoe"))
```

productshotai_prompt_sheet
Create a prompt planning table

Description

Create a prompt planning table for ecommerce product-photo batches.

Usage

```
productshotai_prompt_sheet(products)
```

Arguments

products Character vector of product names.

Value

A data frame suitable for CSV export.

Examples

```
productshotai_prompt_sheet(c("Red running shoe"))
```

```
productshotai_url      Build a ProductShot AI public URL
```

Description

Build a ProductShot AI public URL.

Usage

```
productshotai_url(page = "home")
```

Arguments

page Page key. Supported values are home, workbench, pricing, blog, contact, privacy, terms, refund_policy, and zh_home.

Value

A URL string.

Examples

```
productshotai_url("workbench")
```

```
productshotai_urls      ProductShot AI Public URLs
```

Description

Return public ProductShot AI URLs used by product-photo workflow helpers.

Usage

```
productshotai_urls()
```

Value

A named list of public ProductShot AI URLs.

Examples

```
productshotai_urls()$workbench
```

write_prompt_template *Write a Prompt Sheet Template*

Description

Write a ProductShot AI product-photo prompt planning CSV.

Usage

```
write_prompt_template(products, file)
```

Arguments

products	A data frame with product metadata.
file	Output CSV file path.

Value

The output file path, invisibly.

Examples

```
tmp <- tempfile(fileext = ".csv")  
write_prompt_template(data.frame(product_name = "Red Shoe"), tmp)
```

Index

`make_prompt_sheet`, [2](#)

`normalize_image_manifest`, [2](#)

`normalize_product_metadata`, [3](#)

`productshotai_prompt_sheet`, [3](#)

`productshotai_url`, [4](#)

`productshotai_urls`, [4](#)

`write_prompt_template`, [5](#)