

PhantomJS and CasperJS

See [Browser Automation](#).

*CasperJS is a navigation scripting & testing utility for PhantomJS and SlimerJS (still experimental). It eases the process of defining a full navigation scenario and provides useful high-level functions, methods & syntactic sugar for doing common tasks such as:
- defining & ordering navigation steps
- filling forms
- clicking links
- capturing screenshots of a page (or an area)
- making assertions on remote DOM
- logging & events
- downloading resources, even binary ones
- catching errors and react accordingly
- writing functional test suites, exporting results as JUnit XML (xUnit)*

“*PhantomJS is a headless WebKit with JavaScript API. It has fast and native support for various web standards: DOM handling, CSS selector, JSON, Canvas, and SVG.
PhantomJS is an optimal solution for fast headless testing, site scraping, pages capture, SVG renderer, network monitoring and many other use cases.*”

How to install CasperJS and PhantomJS for Tiki

Starting in [Tiki18](#), PhantomJS and CasperJS are available via [Packages](#)

1.1.1. Test the installation

The simplest is to use: [PluginCasperJS](#). Otherwise, use the following script to test (in the root of tiki, adjust path if other folder):

Create a file (ex.: scrape.php) with the following content