

# PhantomJS and CasperJS

See [Browser Automation](#).

*CasperJS is was 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 was 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 was 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