

# Wicket Session Size

There have been several requests for information about Session Size and Stateless/Stateful pages in Wicket. I've set up this page so people have a place to put/link to related documentation.

Let's start with some bullet points we can flesh out. When we have enough information we can organise it to create a cohesive and valuable document.

## Introduction

### Stateful Web Applications

#### Server Side State vs Client Side State

#### Versioning/Back Button

[Versioning.](#)

#### Page Maps

[Page maps.](#)

## Why Does It Matter?

### Identifying The Problem

#### Map Size

#### Testing

#### Profiling

### Detachable Models

### Stateful vs Stateless

[Stateless pages.](#)

### Beware ...

#### Non-static inner classes

Non-static inner classes can access the state of the enclosing object. To do this, the byte code of the inner-class contains a reference to the outer-class instance. So, when the inner-class instance is serialised, the outer-class instance will be serialised too!

#### Keeping a reference to the previous page

If a page keeps a reference to a previous page (for example to implement a "back to last step" button), this will cause the "previous page" to be serialised again when the page holding the reference is serialised.

... alternative to this approach include ...

#### Other Gotchas ...