



# Online experiments

## Binus University Workshop Day 2

<https://osdoc.cogsci.nl/binus2022>

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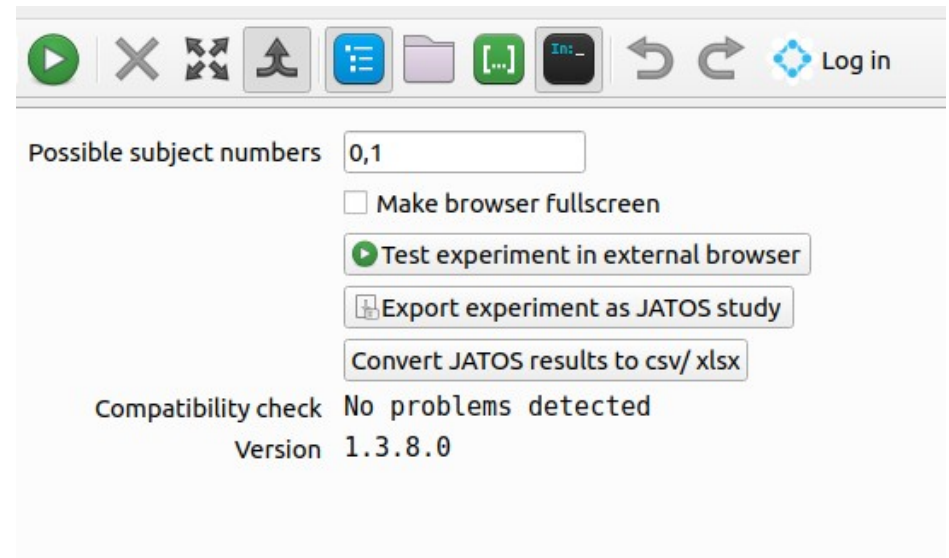
# Today (day 2)



- Before the break
  - A general introduction to online experiments
  - Working on the Cats, Dogs, and Capybara tutorial
- After the break
  - Managing your online experiment on MindProbe.eu (a JATOS server)
  - Continue working on your own experiment

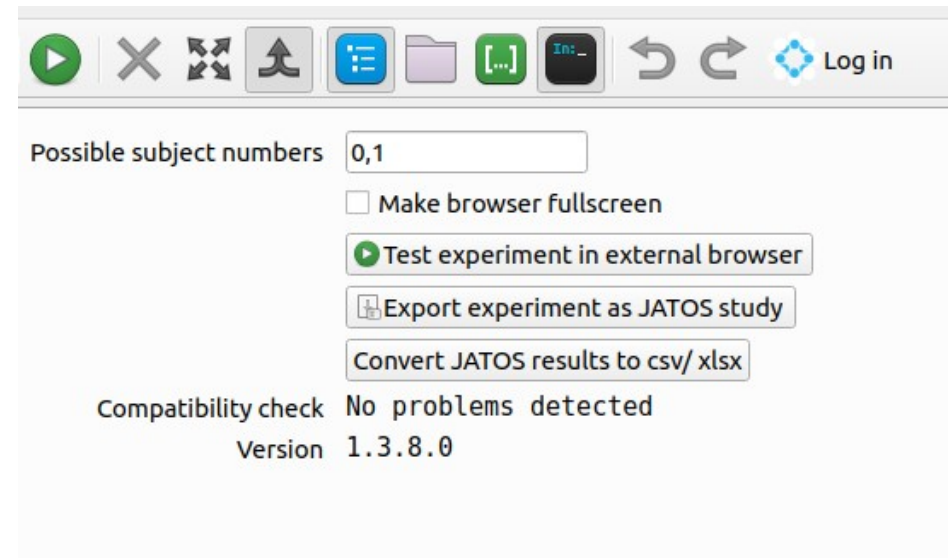


- A JavaScript implementation of the OpenSesame runtime
- You can directly run your experiment in a browser
  - For testing purposes only!






- Supports a subset of functionality
- Built-in compatibility check
  - Useful but incomplete!
- A list of supported functionality on the documentation site [1]





# JavaScript



- JavaScript is the language of the web
- Inline JavaScript is supported
- But more limited than inline Python script
- You don't need JavaScript today
- ... but for those who are interested a few words

 **process\_number\_input** – inline javascript  
Executes JavaScript code (ECMA 5.1)


 Prepare  Run

```
1 console.log(vars.response)
2 if (vars.response in [0, 1, 2, 3, 4, 5, 6, 7
3     vars.sona_id += vars.response.toString()
4 } else if (vars.response === 'backspace') {
5     vars.sona_id = vars.sona_id .toString()
6 }
7 |
```

# JavaScript



- The **vars** object provides access to experimental variables
- The **Canvas** object provides a stimulus displays
- The workspace is not shared between scripts
  - You have to attach objects to the **persistent** object
- Extensively documented! [1]

 **process\_number\_input** – inline javascript  
Executes JavaScript code (ECMA 5.1)

Prepare Run

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```

[1] <https://osdoc.cogsci.nl/3.3/manual/javascript/about/>

A capybara is lying on its side on a sandy beach. The animal's fur is wet and matted, with a mix of brown and tan colors. Its head is turned slightly towards the camera, showing its dark eyes and large, dark nose. The background is a blurred view of the beach and some greenery. A semi-transparent dark rectangle is overlaid on the capybara's body, containing white text.

# Let's get to work!

Tutorial: <https://osdoc.cogsci.nl/3.3/tutorials/capybara/>