# Re-Designed Post Message Harness

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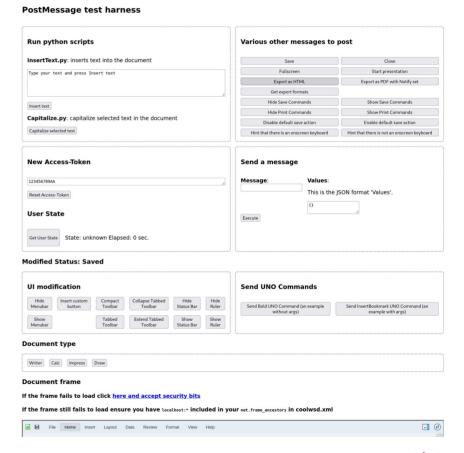




## The post message test harness

For testing post message:

- Provide an easy to send "post message" to COOL.
- A development and test feature.







## The post message test harness

#### This harness allows:

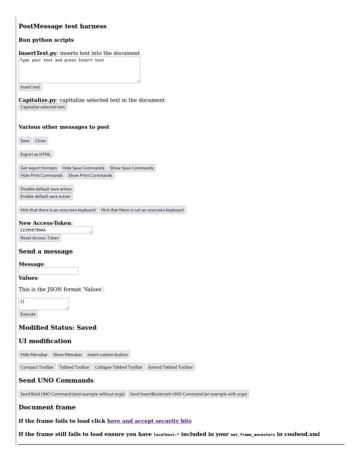
- Running the COOL frame.
- Sending the various postmessage command by clicking on buttons:
  - Specific commands.
  - Arbitrary messages.
- Allows testing python scripts.
- Etc.



## A useful tool for development



### **Before**







### Land of confusion

#### The UI is confusing:

- Random groups of buttons
  - Not evenly aligned.
  - Nor separated.
- Lot of white space make the screen real estate usage suboptimal.







## "Redesign"

#### Let's improve this:

- Group buttons together.
- Align buttons and groups.
- Use the space better: two columns grid can work.
- The overall visual aspect is cleaner.





### Method

#### Reorganise the DOM and style

- Reorganise the various item by grouping into `<div>`.
- Use CSS classes for layout.
  - 'vbox' and 'hbox': vertical and horizontal box using CSS flexbox.
  - `grid`: widget grid using CSS grid.
    - Use and empty `<div>` for a placeholder.
  - `framed`: add a frame border.
  - spaced: space items.
- An approach similar to how some UI toolkits work.





## **After**

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### Conclusion



#### Conclusion

- Low effort.
- Using concepts familiar to developers when they need to add something.
- Clarity brings a big improvement for the target users (developers).



## Thank you!

By Hubert Figuière















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