

WEB SQL LANGUAGE

OPEN SOURCE DEVELOPMENT **PSU CS 461/561**



ABOUT

- Developer: Mykhailo Tsvietukhin
- This program is released under the "GPL-3.0" license.
- Contact: tsviet@pdx.edu
- Websit: <https://github.com/tsviet/WebSqlLang>

AUDIENCE

- Database developers
- Businesses that collect data from web
- Automation of everyday tasks for any user

DEMO

WebSqlLang

NewOpenSaveSave As ..

Run - F5License

Example5.wslang x

```
SELECT *
using links
FROM https://stackoverflow.com/questions/25688847/html-agility-pack-get-all-urls-on-page
WHERE NAME contains "flow"
into csv "C:\Users\mtsvietukhin\Documents\WebSqlLang\test.csv"
```

Output 1

	RowNumber	Name	Url
▶	1	Stack Overflow	https://stackoverflow.com
	10	Stack Overflow	https://stackoverflow.com
	11	Meta Stack Overflow	https://meta.stackoverflow.com
	19	About UsLearn more about Stack Overflow the company	https://stackoverflow.com/company/about
	107	Stack Overflow	https://stackoverflow.com
	113	Stack Overflow Business	https://www.stackoverflowbusiness.com/?utm_source=so-footer&utm_medium=referral&utm_campaign=brand
	132	Stack Overflow	https://stackoverflow.com//stackoverflow.com
	195	MathOverflow	https://stackoverflow.com//mathoverflow.net
	1	Stack Overflow	https://stackoverflow.com
	10	Stack Overflow	https://stackoverflow.com
	11	Meta Stack Overflow	https://meta.stackoverflow.com
	19	About UsLearn more about Stack Overflow the company	https://stackoverflow.com/company/about
	107	Stack Overflow	https://stackoverflow.com

SIMILAR SOFTWARE

- [Scribe Online](#)
- [Monarch](#)
- Most of them commercial as they helps doing SEO and web marketing.
- Free alternative is using Python witch can be time consuming and requires learning curve

LESSONS

- Getting experience of creating new language
- Event based asynchronous web requests
- Generic data collections manipulations
- Window UI development

PROJECT CONTINUE..

- Unlimited features
- More responsive UI
- Integration with Data Bases SQL and NOSQL
- JOIN AND UNION

CONCLUSION

- Nice experience
- Too ambitious project for limited time
- Hope to contribute more into it in a future

Q & A

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- Questions?