BibX

An Open-Source Bibliography Generator

(Practice) Senior Projects Presentation.

By: Xavier C. & Tom K. April 26th, 2023

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Why BibX?

- Alternatives ruin UX to incentivize membership

- Ads/Intentionally slow citation generation

- Data collection is rampant

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What is BibX?

- BibX works locally on your browser

- Requires no account or membership

- Data storage is local and completely transparent

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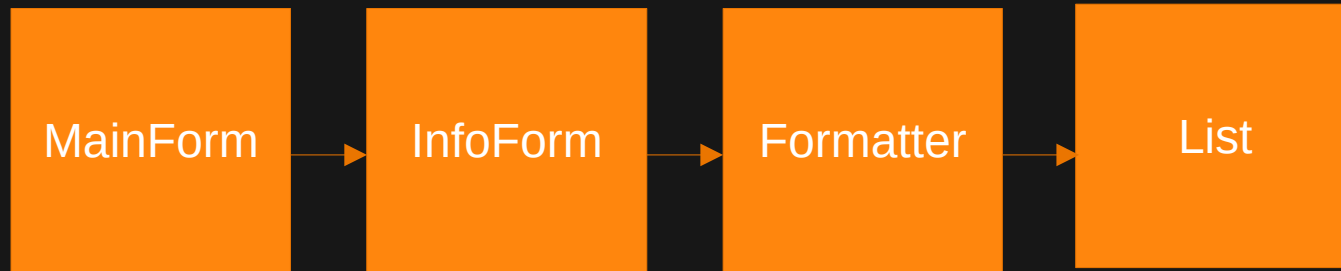# What is BibX? (cont.)

- JavaScript framework

- No virtual DOM, compiles code to JavaScript, faster & leaner

- Skyrocketing in popularity

- GitHub Pages allows free hosting

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Demo!

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System Design

MainForm → InfoForm → Formatter → List

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BibX

A Better Bibliography Generator

| MLA ▾ | Enter a URL, ISBN, Article Title, etc... | → |

Citation Style

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We need a little more info:

⭐ Type: Website ▾

⭐ Author First: [ ] Last: [ ]

⭐ Title of Source: [ ] ⓘ Version: [ ] ⓘ

Number: [ ] ⓘ ⭐ Publisher: [ ] ⓘ

⭐ Location: [ ] ⓘ Title of Container: [ ] ⓘ

Other Contributors: [ ] ⓘ ⭐ Publication Date: mm/dd/yyyy 📅

⭐ Accessed Date: 05/03/2023 📅

⭐ : Recommended Field. Most citations ✓

MainForm ▶ InfoForm ▶ Formatter ▶ List

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```json
{
    "type": "Website",
    "title": "The Nashville school shooter had a 'manifesto' and maps, police say.",
    "author_first": "Nicholas",
    "author_last": "Bogel-Burroughs",
    "publisher": "New York Times",
    "container_title": "",
    "misc_contr": "",
    "number": "",
    "version": "",
    "pub_date": "2023-03-27",
    "accessed_date": "2023-04-26",
    "location": "https://www.nytimes.com/2023/03/27/us/nashville-school-shooting-audrey-hale.html",
    "uuid": "5c8e16c5-013d-4990-84fd-2c7cbbf61e2b"
}
```

Pasanen, Melissa. "Good Measure Brewing's New Pub Serves Convivial Eats in Northfield." *Seven Days,* 2023-05-02, www.sevendaysvt.com/vermont/good-measure-brewings-new-pub-serves-convivial-eats-in-northfield/Content?oid=38141893. Accessed on 2023-05-03.
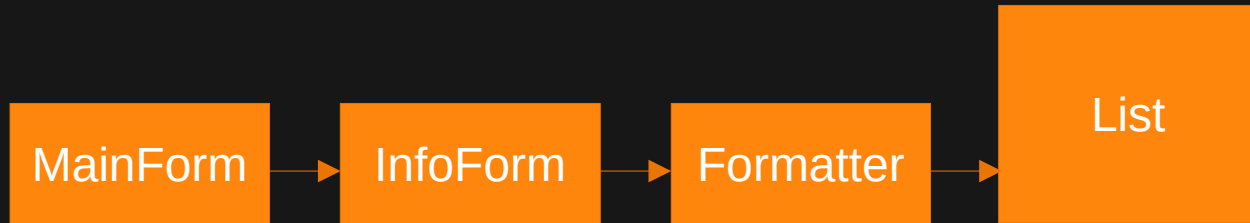
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Citation Style

Pasanen, Melissa. "Good Measure Brewing's New Pub Serves Convivial Eats in Northfield." *Seven Days,* 2023-05-02, www.sevendaysvt.com/vermont/good-measure-brewings-new-pub-serves-convivial-eats-in-northfield/Content?oid=38141893. Accessed on 2023-05-03.

VTD Obituaries. "William Wylie." *VT Digger,* 2023-05-02, vtdigger.org/2023/05/02/william-wylie/. Accessed on 2023-05-03.

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What's Missing/Pitfalls

- Choosing Svelte introduced more problems than it solved

  – Packages we started with are obsolete now

- CORS presents issues for auto-data gathering

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Any Questions?

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Thank you!