

Wix CLI Website Development Handbook

Welcome to the gTek Global Industries Dev Guide. This codex is your sacred companion for developing Wix Studio websites in a local IDE with full CLI integration.

PHASE I — Preparation: Your Sacred Tools

Prerequisites

- Node.js (v16+ recommended): <https://nodejs.org>
- npm (comes with Node)
- Python 3.9+ (for Jupyter Notebooks)
- VS Code: <https://code.visualstudio.com>
- Wix CLI (official): @wix/cli

Install Wix CLI

```
bash npm install -g @wix/cli
```

Login to your Wix account:

```
bash wix login
```

PHASE II — Pulling Down the Aether

Create or Navigate to Your Project Directory

```
bash mkdir my-wix-site cd my-wix-site
```

Pull Your Wix Studio Site

```
bash wix sites pull --path .
```

Select your site (gtekglobal.design) when prompted.



PHASE III — Dependency Installation

Install Project Dependencies

```
bash npm install
```

If using React and it's not installed:

```
bash npm install react@18.2.0 react-dom@18.2.0
```

PHASE IV — Syncing and Previewing

Live Preview

```
bash wix preview
```

Choose Local Code or Latest Commit.

Deployment

```
bash wix publish
```

Note: Use --no-cache if issues persist.

PHASE V — Integrating Jupyter Notebook (Optional)

For advanced logs, analytics, and dev tracking:

```
bash pip install notebook jupyter notebook
```

Create a deployment_logbook.ipynb to track build output and experiment.

Troubleshooting Rituals

- **Missing React:** Ensure it's in dependencies not devDependencies
 - **Module Errors:** Clean install with:

```
bash rm -rf node_modules package-lock.json npm cache clean --force npm install
```
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Completion

Your environment is now a live development engine for gTek Global Industries. Use VS Code, Terminal, and Jupyter as your command and scribe altar.

“To code is to conjure. Build wisely.”
— The Architect Codex