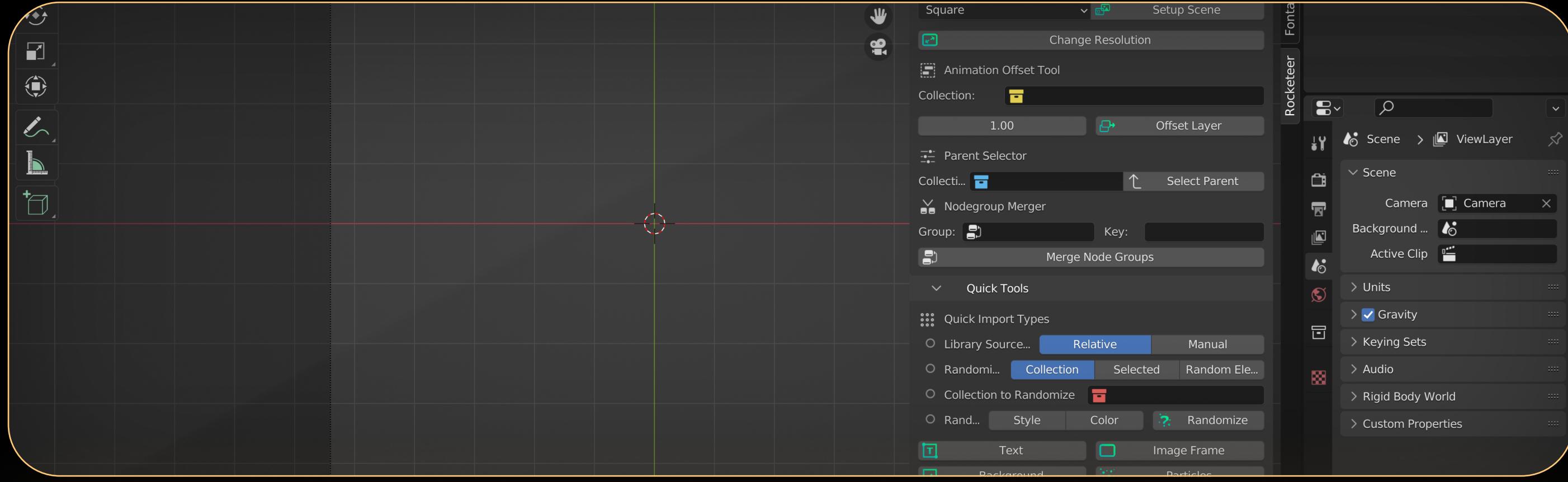


Exto

Exto is a tool that enables users to quickly export and zip Blender projects for upload to AWS. This tool helps organize and tag user-editable data such as colors, text, & more.



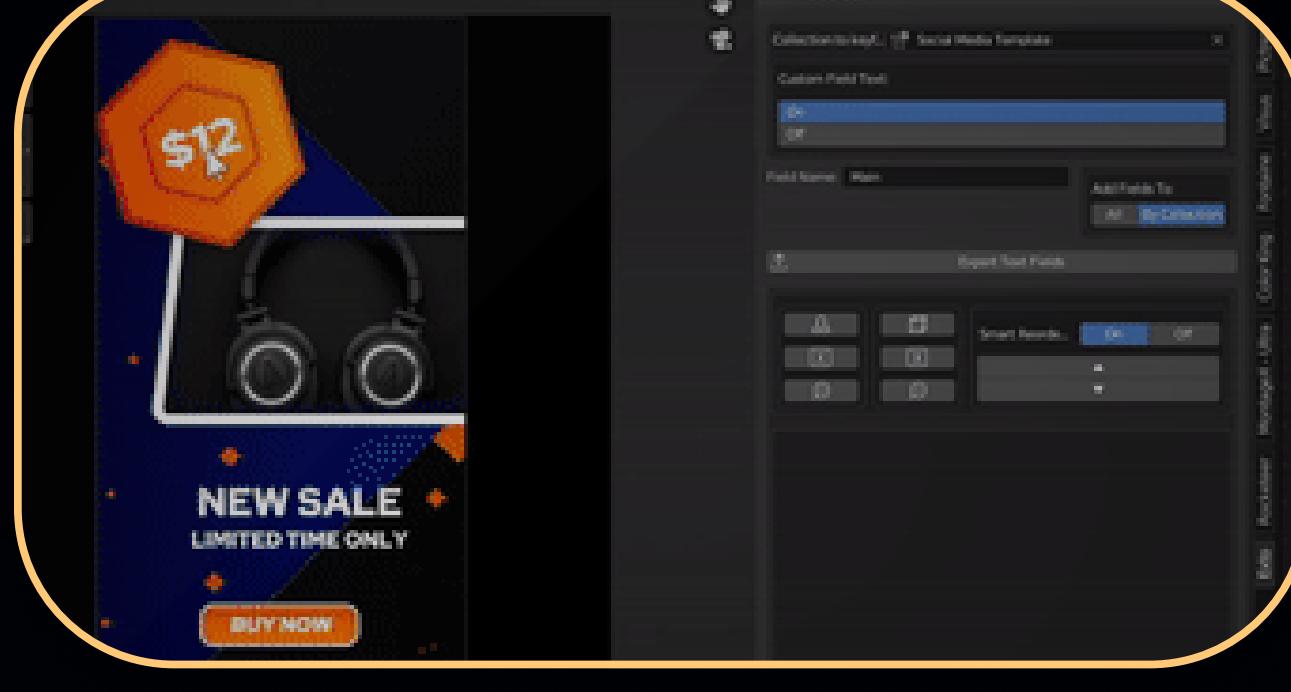
◊ Background, Problem & Insights

Exporting a template for editing on various web platforms tended to utilize an extensive amount of time. Animators would have to select the individual items for end users to edit, tag that data manually, and then go through an extensive process of ensuring that they properly formatted exported data.

Exto solves this problem by automatically scanning and tagging for data so that end users can edit templates. Manual text export remains an option due to legacy concerns, but Auto Text Export streamlines the processes

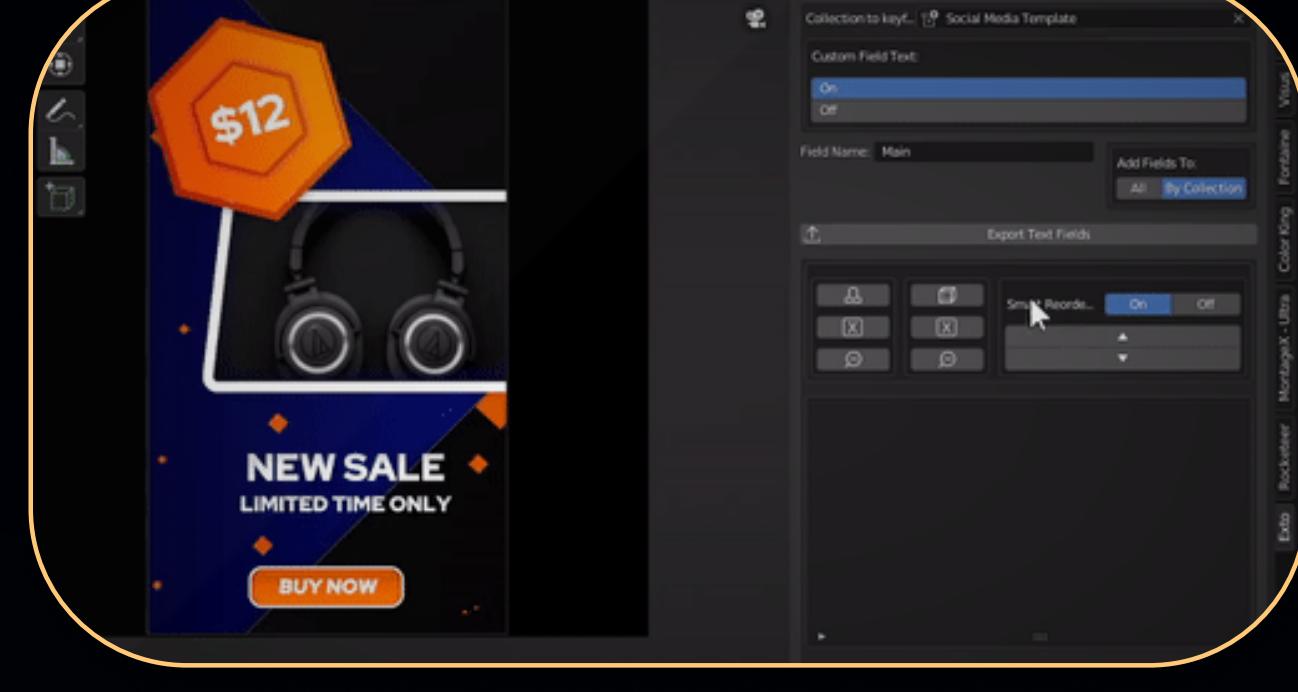
◊ Manual Process

Manually go through file and select data to export for users to edit.



◊ Improved Process

Automatically scans relevant tagged data for users to edit.



◊ Goal

Design a tool that automates the process of setting editable data for end-users of web applications.

◊ Responsibilities

- UX Design
- Python Scripting
- Conceptualization

◊ Domain

Process Automation, Animation, Visual Design



Process

Determine pain points and most pertinent data to recognize when exporting template data.

- ◊ Create straightforward layout with panels of controls and data types
- ◊ Create functionality to scan for and export 3 major data types
- ◊ Create JSON generation feature that formats data for web apps to communicate with
- ◊ Create .zip export for easy export to AWS

About Exto

Exto scans data to export so that web applications can communicate with graphical templates in order to present the exported data to a web application end user for them to edit.

↳ Key Results

Improved Efficiency by over 80%

- Exto has reduced the speed that it takes to export animations by over 80%