

CLOSING CREDITS CLIP GENERATOR

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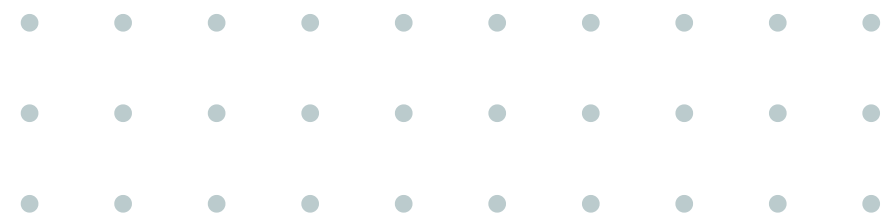


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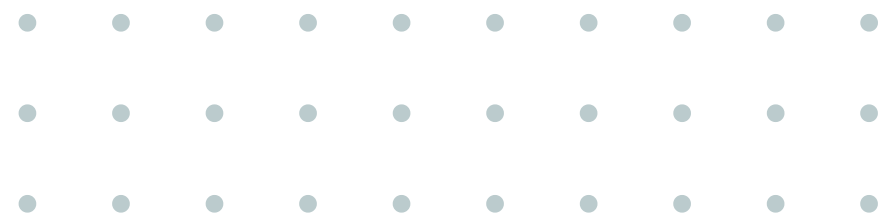
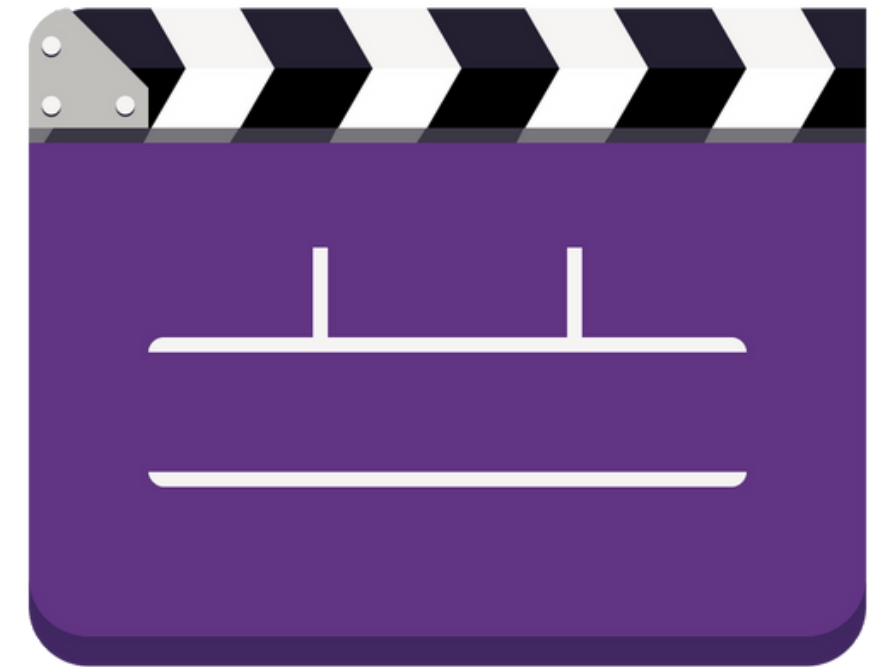
01. PROBLEM STATEMENT

Develop a feature that provides users the ability to effortlessly add closing credits to their edited video



02. APPROACH OVERVIEW

1. INTEGRATING WPE PLUGIN
2. CUSTOMIZING CLOSING CREDIT CLIP
3. BRINGING HTML TO LIFE
4. UPDATING THE CLIP

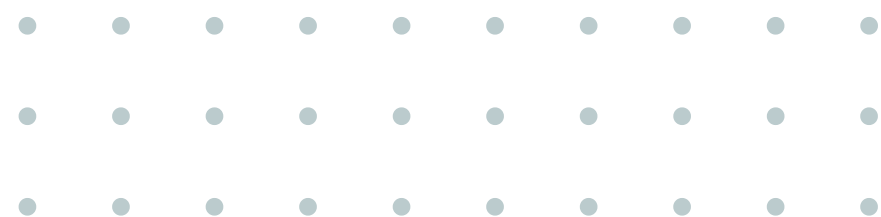


1. INTEGRATING WPE PLUGIN

WPE plugin allows generating video out of HTML.

This becomes interesting when the HTML is animated using Javascript, allowing for scrolling credits.

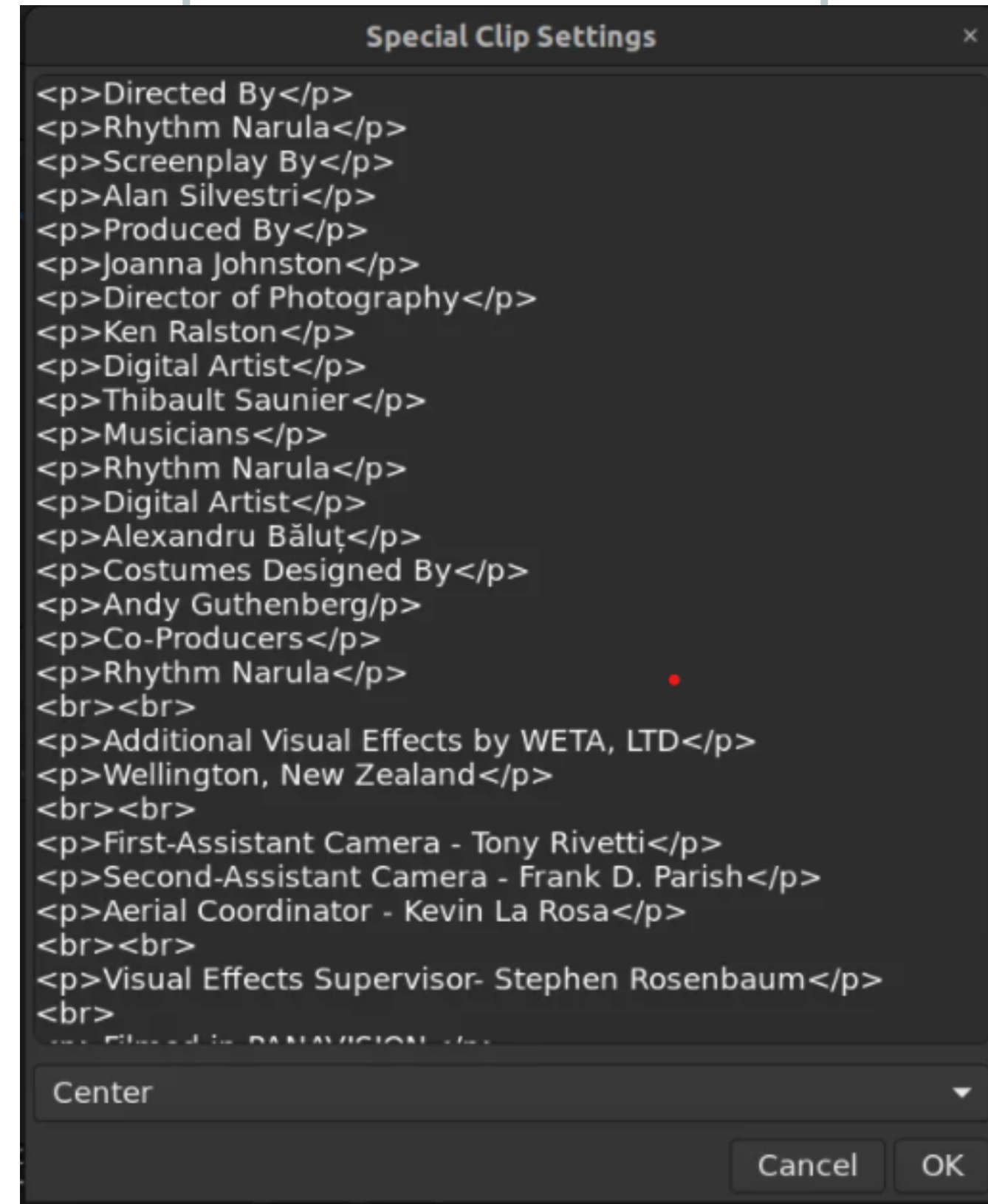
Plugin Link

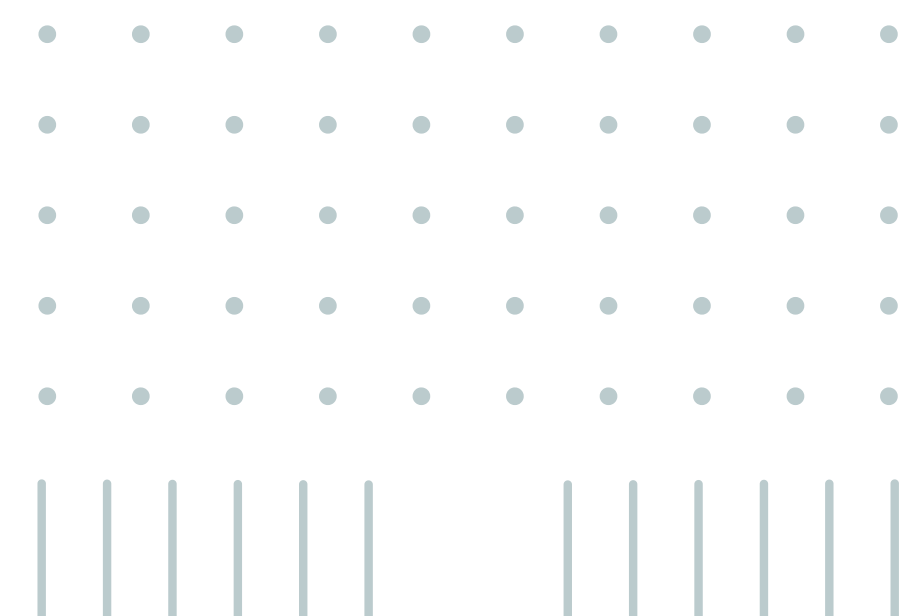


2. CUSTOMIZING CLOSING CREDIT CLIP

Text entered in this dialog is directly placed in the body of the underneath HTML page.

Dropdown provides the ability to place the text in center, left or right

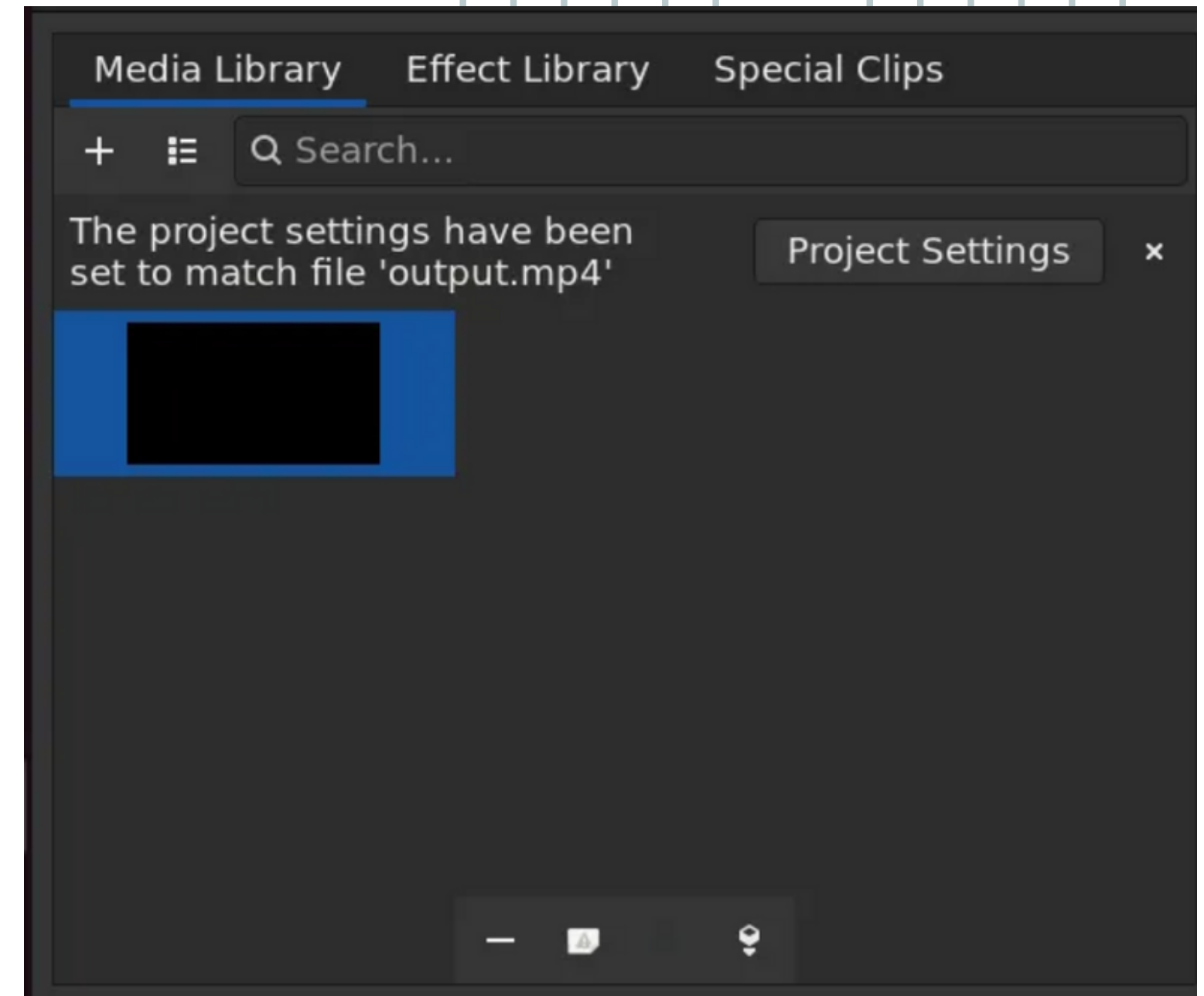




3. BRINGING HTML TO LIFE

It consists of three steps –

1. Updating content of the clip with entered text and selected type
2. Generating video file using Gstreamer pipeline with wpevideosrc element
3. Importing generated file into the project

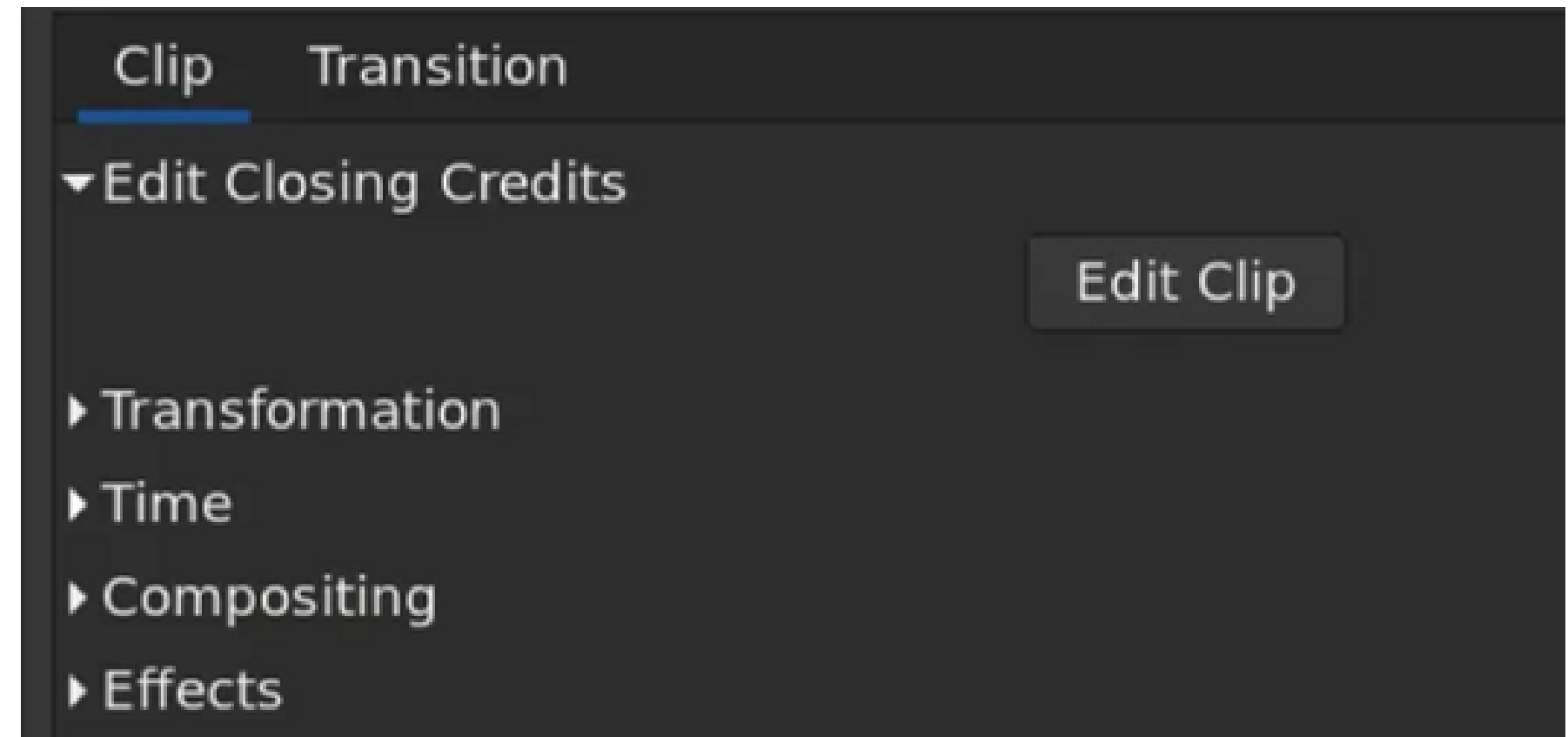
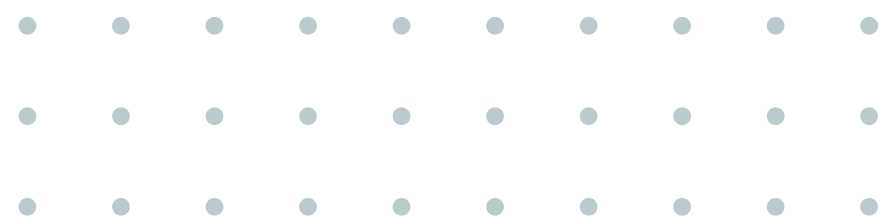


4. UPDATING THE CLIP

This expander is only shown when a closing credit clip is selected.

Inside the expander, you can click the “Edit Clip” button which will open a dialog same as that in Step 2. It will allow you to modify the clip content and its type.

Hitting “Ok” button updates html file, generate video file using that and reload the asset into the project



03. CHALLENGES FACED

Integrating WPE plugin to Pitivi. WPE plugin had its own issues which were identified and correspondingly resolved

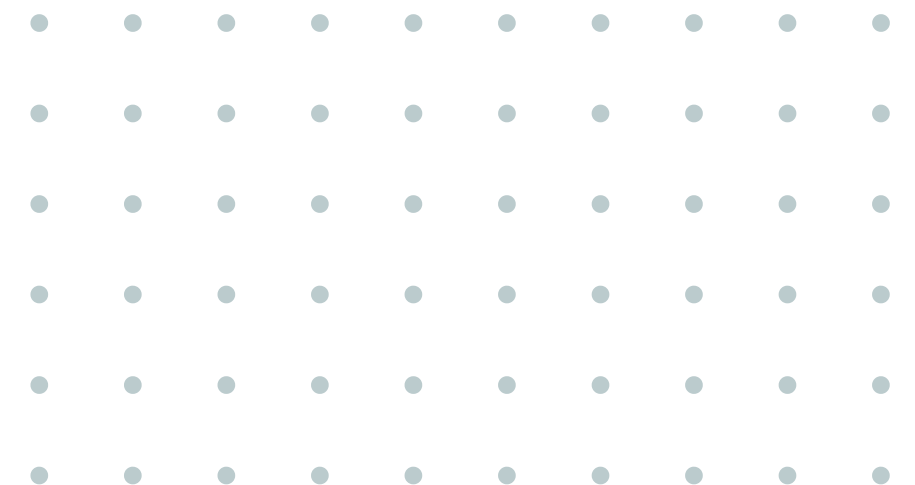
Crafting a seamless workflow, designed to eliminate any external steps needed by users

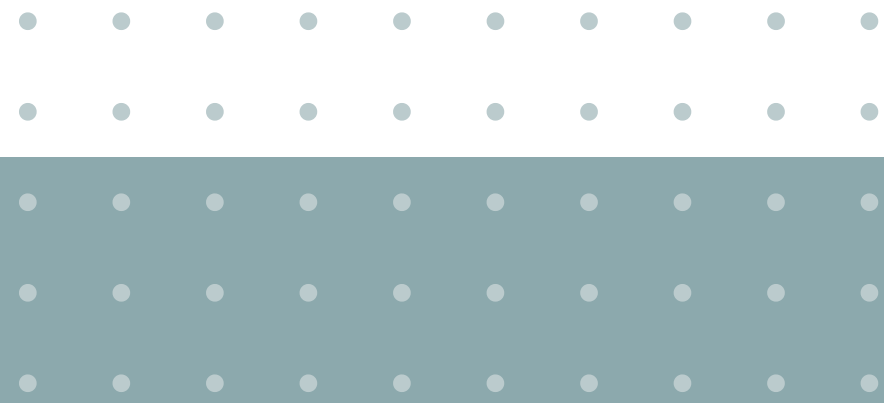
Ensuring that my contributions seamlessly blended with the existing framework thereby maintaining code uniformity and readability.



04. CLOSING REMARKS

As this project wraps, I wish to extend my sincere gratitude to my mentors. Their consistent support, invaluable insights, and patient guidance have been instrumental in making this endeavor not only achievable but also highly enriching.





THANK YOU

Have any question?



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