

TITLE OF THE LECTURE FOR PRINT

TRANSCRIPTION

Welcome to the Hybrid Lecture Player, a platform that allows you to turn your audio visual project into a multi-format publication tool.

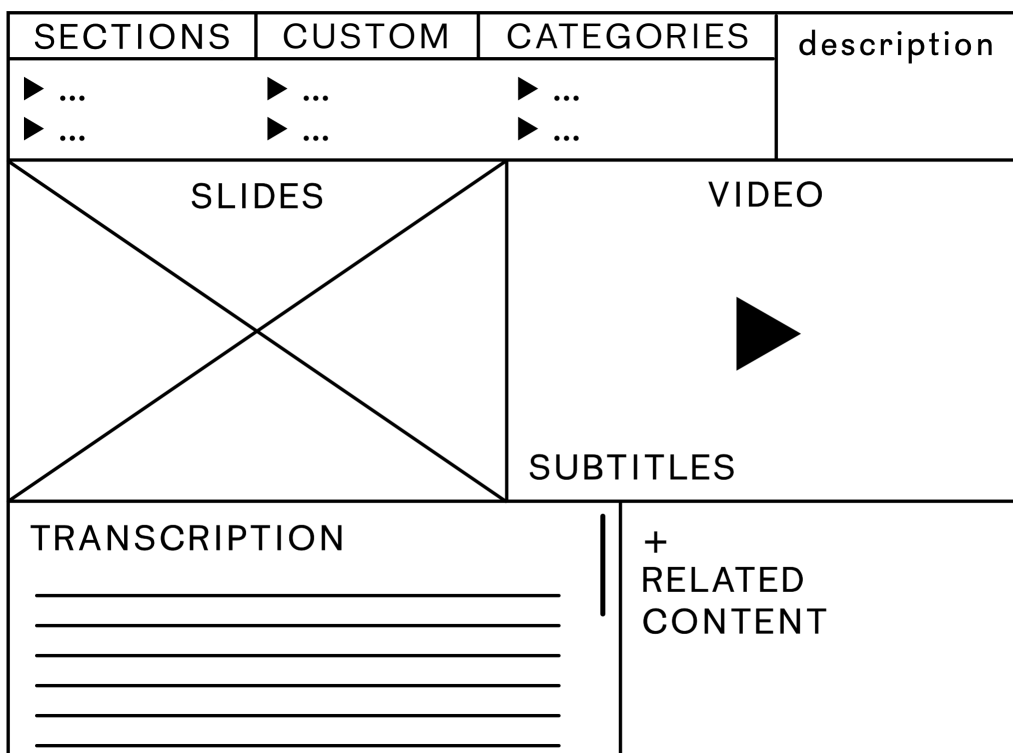
THE HYBRID LECTURE PLAYER'S USER MANUAL

The Hybrid Lecture Player's files are on GitHub.

The Hybrid Lecture player is a platform that allows you to turn your lecture documentation into a multi-format publication tool with features such as subtitle transcription, transcription in prose form, translations, and embedded lecture material such as images, audio and visual files. Everything is synched and information can be accessed via multiple channels, through custom tables of contents and sections.

Here is a map of the features that the Hybrid Lecture Player proposes:

HYBRID LECTURE PLAYER



THIS REPOSITORY CONTAINS THE FOLLOWING FOLDERS AND FILES

```
|-- css                                ==> style folder
|   |-- app.css                        style of the Hybrid Lecture Player
|-- data                                ==> captions, slides and sync. folder
|   |-- captions.xml                  file where the captions are encoded
|   |-- captions-LanguageCode.xml    captions in various languages
|   |-- ContextualHtml.xml           additional materials
|   |                                 (bottom-right box)
|   |-- paragraphs.xml               sync. of the paragraphs and the video
|   |-- SlidesInPoints.xml           sync. of the slides and the video
|-- html                                ==> transcriptions folder
|   |-- transcription.html            file where the transcription is encoded
|   |-- transcription-LanguageCode.html transcription in various languages
|-- images                               ==> slides folder
|   |-- ...
|-- index.html                          the structure of the HLP's page
|-- js                                   ==> javascript folder
|   |-- HybridVideo.js                synchronization scripts
|   |-- scrollTo                       automatic scrolling in the transcription
```

You can download this repository and start using it on your computer, opening the file `index.html` in your favorite browser to see a local preview of the Hybrid Lecture Player. We recommend the use of Firefox, as the preview doesn't work well in all browsers.

To produce the subtitles, we use the open source subtitle editor Amara <http://www.amara.org/fr/>.

The rest is simply html and javascript!

For the moment, we use Youtube for the video part of the Hybrid Lecture Player. If you want to serve your video on your own server, you can also use Pandora, which is our next step for the Hybrid Lecture Player. But things still need to be set for Pandora.

USING THE HYBRID LECTURE PLAYER

EMBEDDING A VIDEO

In the folder `js`, find the `HybridVideo.js` file and open it in your favourite text editor.

In the part starting on line 408 in `HybridVideo.js`, line 411 indicates the id of the Youtube video. The id of a youtube video is visible at the end of its url. For instance: <https://www.youtube.com/watch?v=z-WG3biOXto>

```
player = new YT.Player('player', {
  height: '390',
  width: '640',
  videoId: 'z-WG3biOXto',
  events: {
    'onReady': onPlayerReady,
    'onStateChange': onPlayerStateChange
  },
  playerVars: {
    'showinfo' : 0,
    'autoplay': 1
  }
});
```

Change `videoId: 'z-WG3biOXto'`, to the correct YouTube video id.

ADDING SUBTITLES

Exporting subtitles from Amara to create captions in 'Captions.xml' From Amara export the subtitles as .dxfp, save it somewhere on your computer, and open it in a text editor. Select all the `<p>` tags that are inside `<body region="bottom"><div>` (without the `<div>` around) and copy them.

In the folder `data`, find the `captions.xml` file and open it in a text editor. Paste the selection from the `.dxfp` file into the `captions.xml` file, inside the `<div xml:id="captions"></div>` tag. When editing the `.xml` file, the structure of the data should be kept the same, all tags should retain their attributes.

When the captions don't start immediately at the beginning, the first caption displayed will be an error message. (whenever there is nothing during a time period, it displays the message) You can manually add an information that replaces the error message For instance:

```
<p begin="00:00:00.000" end="00:00:37.563">Subtitles will start at 00:37</p>
<p begin="00:00:37.564" end="00:00:37.946">(The content starts here!)</p>
```

ADDING SLIDES

Edit the file `slideInPoints.xml` in the folder `data` to change the inpoints of the slides. Make sure the inpoints are sequential and in the correct format e.g. `00:00:00.000`, `00:00:05.500` etc. If they are not then this will cause problems.

It doesn't matter how many are there and at present the `id` attributes are not used and these do not need to be sequential (for the moment).

The slide images should all be contained in the `images` folder, these do not need to be named in any particular format. Their resolution must be of 1000px x 750px 72 dpi

CHANGE THE TITLE

In the root folder, open `index.html` in a text editor, and edit lines 49 to change the title of the project.

```
<div class="title-lecture">Forever Blowing Bubbles: A Walking Tour with Peter
Linebaugh and Fabian Tompsett</div>
```

CHANGE CHAPTER HEADING TITLES AND CHAPTER DESCRIPTION

Still in `index.html`, change the `` content inside the divs with class attribute `chapter-title` to change the sections' titles.

To link the sections to a precise point in the video:

Set the inpoint of the chapter in seconds inside the attribute `onclick` i.e. `onclick="goToChapter(764)"` = points at 764 seconds. If you want to point at that time: `00:34:31.667`, multiply it by 60 and add the seconds: (`34 x`

60) + 31 + 1 (rounds up the part of the last second) = 764 To go from the seconds to a minutes representation, divide it by 60, which makes 34.31666666... which corresponds to 00:34:31.667

to synch the precis and the chapters (on mouseover):

The number between the parenthesis of `changePrecisContent()` (in `index.html`) must correspond the numbers inside `HybridVideo.js` function `changePrecisContent(chapterNumber)`, starting on line 518.

```
case 6:
    document.getElementById("precis").innerHTML = "Surveys some fresh evidence for
McLuhan&rsquo;s interests in rhetoric, including public speaking";
    break;
```

Adapt the numbers in `case ...`: so that they correspond to `changePrecisContent()` in `index.html`.

To change the precis content, edit the `HybridVideo.js` file inside `document.getElementById("precis").innerHTML = "...";`, on line 518, for instance.

The number in `onmouseleave="changePrecisContent()"` indicate the default precis, when the mouse is not on the sections' area.

You can choose any id number but it needs to be unique and needs to correspond in the `HybridVideo.js`

EDIT THE FULL TRANSCRIPT

The full transcript can be found in the file `transcript.html`, in the `html` folder.

To create this file you need to copy all the `<p>` tags from `data/captions.xml` and paste them into this document.

Then comes a series of find and replace:

Each span should have the attribute `onclick="goToSentence(this)"`. Use find and replace to add this to each span.

You will need to add an id attribute to each span in the format `id="lineID0001"` where there are 4 digits for the lineID number.

So each line should be in this format:

```
<span id="lineID0001" begin="00:00:03.436" end="00:00:05.748"
onclick="goToSentence(this)">So, ladies and gentleman. Let's take a seat.</span>
<span id="lineID0002" begin="00:00:05.748" end="00:00:07.303"
onclick="goToSentence(this)">We will be starting shortly.</span>
etc...
```

You can add your own html to break it into paragraphs and add headings, the important things is to keep the ids continuous and sequential.

LANGUAGE OPTIONS

To add a new language:

Create a file for each language with the name the the language: in the `data` and `html` folders, duplicate the files you want to translate (`captions.xml` or `transcription.html` for instance), and change the name of the file using the language code at the end of the name: `captions-LanguageCode.xml`.

In the file `index.html`, in the part `<div id="language-button">` starting on line 177, add another line for the new language:

```
<option value='4'>Spanish</option>
```

If you want to set a language as a default, add `selected="selected"` in the `<option>` element:

```
<option value='4' selected="selected">Spanish</option>
```

In `HybridVideo.js`, in the part function `changeLanguage(index)`, on line 653, add an extra `case` for each extra language:

```
case 4:
    loadSpanish();
    break;
```

The `case` number corresponds to the `<option value=''>`.

Just after in the `HybridVideo.js` file, in the part strating on line 678, add a new language function:

```
function loadSpanish()
{
    $.ajax({
        type: "GET",
        url: "data/captions-ES.xml",
        dataType: "xml",
        success: parseLanguageCaptions
    });
    $("#transcription").load("html/transcription-ES.html");
}
```

TO ADD ADDITIONAL MATERIAL (BOTTOM RIGHT BOX)

In the folder `data`, open the file `ContextualHtml.xml` in a text editor.

Edit the starting time at which the additional material should be added, corresponding to the video, and its end time. In `[CDATA[]]` insert the `iframe` of a new video, like that: `[CDATA[<iframe width="420" height="315"`

```
src="https://www.youtube.com/embed/bx9zIGxQ-zE" frameborder="0" allowfullscreen>
</iframe>]]
```

Each part like the following extract represents an additional material:

```
<!-- Bob Dylan Don't Look Back Interview -->
<xtra begin="01:18:00" end="01:18:30"><![CDATA[<iframe width="420" height="315"
src="https://www.youtube.com/embed/mn15X5MQKTg" frameborder="0" allowfullscreen>
</iframe>]]></xtra>
```

When there is nothing in the box during a time period here is what should be written in the code:

```
<!-- Title of the additional element -->
<xtra begin="00:00:00" end="01:18:00"><![CDATA[]]></xtra>
```

READY TO PLAY!

A Hybrid Publishing Consortium project: <http://www.consortium.io/>
Research: <https://research.consortium.io/> (Traces on the Archive)
Software (GitHub) <https://github.com/consortium/hybrid-lecture-player>
Contact: mail@consortium.io