
App.jsx src M
Untitled-5
Untitled-4
Untitled-3
playlist.xml src M
playlist_zaanse_sch... M
playlist_zaanse_schans.x...
index.html dist
<ximpel>
<playlist>
<subject id="Intro">
<media>
<video leadsTo="MenuDeBonteHen" repeat="true">
<source extensions="mp4" file="videos/Intro"/>
<overlay height="180px" leadsTo="MenuDeBonteHen" startTime="2" width="180px" x="1700px" y="890px"/>
</video>
</media>
</subject>
//will look for and render a playlist
class Ximpel extends Component {
constructor(props){
super(props);
console.log(props.playlist);
}
render(){
const playlist = this.props.playlist;
const element = playlist.children[0];
return (

{
element["#name"] === "playlist"?
<Playlist {...element.attributes} text={element.text} playlist={element} />
:
You did not write the playlist tag, instead you wrote {element["#name"]}
}

);
}
}
class Playlist extends Component {
constructor(props){
super(props);
console.log('Playlist constructor', props.playlist);
this.state = {
currentChildNo: 0,
globalMediaItems: [],
key: shortid.generate()
}
//is external ES5 library that needs to be 'imported'
//also checks if it has jquery via the $ sign and if t
if(ximpel && $ && props.playlist.attributes && props.p
this.analytics = new ximpel.Analytics();
this.analytics.addSubject(props.playlist.children[th
this.analytics.initializeAnalyticsEventHandlers();
$("#emotion_content").prepend('<h2>Emotion detection
$("#controls").append('<input class="btn" type="butt
this.analytics.startEmotionDetection();
}
}
// all pub-subs are here
class Subject extends Component {
constructor(props) {
super(props);
console.log('Subject constructor', props.playlist);
this.state = {
currentChildNo: 0
}
}
render(){
const element = this.props.playlist.children[this.state.currentChildNo];
let renderElement = undefined;
switch(element["#name"]){
case "media":
renderElement = <Media {...element.attributes} text={element.text} playlist={elemen
break;
case "sequence":
renderElement = <Sequence {...element.attributes} text={element.text} playlist={ele
break;
default:
renderElement = You did not write the media or sequence tag. You wrote: {element
}
return(

{renderElement}

);
}
}
//looks within the media tag for media items
class Media extends Component {
constructor(props) {
super(props);
console.log('Media constructor', props.playlist);
this.state = {
//MediaTypes need new keys in order for React to kno
//When they are rerendered their state will be reset
//component reuse.
key: shortid.generate(),
stopCounter: 0,
//If global media item, hand it off and ignore it.
//Keep checking until there is not a global media it
//It is an edge case but it could happen.
localMediaItems: this.props.playlist.children.filter(
const stopCounter = 0;
if(element.attributes && //.attributes property mu
element.attributes.stopAtSubjectId !== undefined
pubSub.publish('addGlobalMediaItem', element); //
this.state = {
stopCounter: stopCounter + 1
}
return false;
}
return true;
})
}
this.stopCounter = this.stopCounter.bind(this);
class Source extends Component {
constructor(props) {
super(props);
console.log('Source constructor', props.playlist);
}
render(){
const {file, extensions, types} = this.props;
return(
<source src={file+'.'+extensions} type={types} />
);
}
}
class Overlay extends Co
static score = {};
constructor(props) {
super(props);
this.state = ({
secondsElapsed: 0,
startTime: parseFl
duration: parseFloa
});
this.handleClick = th
this.handleScore = th
this.getCurrentTime =
}
class Video extends Component {
constructor(props) {
super(props);
console.log('Video constructor', props.playlist);
this.handleEnd = this.handleEnd.bind(this);
}
handleEnd(event){
console.log('video end', this);
const videoReset = () => {
const video = this.props.mediatype.state.mediaItemRef;
video.load();
video.play();
};
this.props.mediatype.handleEnd(videoReset);
458
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