

Upgrading old LPs to Player 2.0

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Overview

Before upgrading a LP, keep in mind that each project may have certain features added and/or removed. This guide will focus on removing all of the code that is paired with Player version 19 or previous versions, and adding in basic code to get player 2.x working

Adding in features such as interactivity, captions, stats are explained in-depth in our [player guide](#)

Simplified player migration

Remove old player code

1. Remove player div

```
<div class="idm-player"></div>
```

2. Remove old player script

```
<div class="idm-player"></div>
<script>
  var myEnvironment = 'https://player-bt.pv.bt.com/19';
  window.IdmEngineCallback = function(){
    Idm.Engine.init({
      domain: myEnvironment,
      "baseMovieURL": "https://b.pv.bt.com/",
      "autostart": '1',
      "uak" : "bt6",
      "analytics": [
        ["cls-button-1", "Button1", "mouseover"],
        ["cls-button-2", "Button2" ]],
    });
  };

  (function(d, s, id){
    var js, fjs = d.getElementsByTagName(s)[0];
    if (d.getElementById(id)) {return;}

```

```
js = d.createElement(s); js.id = id;
js.src = myEnvironment + '/assets/js/eng.js';
js.async = false;
fjs.parentNode.insertBefore(js, fjs);
}(document, 'script', 'idomooEngine')));
</script>
```

Add player 2.x code

1. Place the player's script above the player's div.

```
<script type="text/javascript" src="https://player.idomoo.com/latest/main.js"></script>
```

2. Insert the HTML code at the exact location where you want the player to appear.

```
<div id="idm-player"></div>
```

3. Add player_options (optional) inside the script.

While the player's script (step 2.a) runs the player itself, the var tag `player_options` holds customization options.

```
<script>
  var player_options = {
    interactive: true,
    size: "hd",
    autoplay: true,
    cta_analytics: [
      ["idm-cta-btn1", "Loved it"],
      ["idm-cta-btn2", "It cracked me down"]
    ]
  };
  idmPlayerCreate(player_options, "idm-player");
</script>
```

Advanced Guide

For this section we'll be using [american airlines lp](#) as an example of what to look for and change in a slightly more complicated LP.

Remove old code

The first block

Line by line high level description of the code and what it does (where explanation is needed)

For lines **51 to 69**

- Used for grabbing URL parameters `url=? id=?`
- Sets old way of downloading videos, here the DOM element referred to by `id=download` will just open a new tab with only the video
- Hides the default player background and play button

All of this code for the range mentioned is safe to remove

```
function getParameterByName(name, url) {
  if (!url) url = window.location.href;
  name = name.replace(/[\[\]]/g, "\\$&");
  var regex = new RegExp("[?&]" + name + "(=([^&#]*)|&#|$)"),
      results = regex.exec(url);
  if (!results) return null;
  if (!results[2]) return "";
  return decodeURIComponent(results[2].replace(/\+/g, " "));
}

var downloadURL = getParameterByName("id");

document.getElementById("download").setAttribute("href", "https://v.idomoo.com/" +
downloadURL + ".mp4");

//function loadPlayer() {
document.getElementById('imgCoverPlayer').style.display = 'none';
document.getElementById('playerButton').style.display = 'none';
//var content_bg = content-top
var myEnvironment = 'idoplayer.idomoo.com/19/';
```

The next block

Line by line high level description of the code and what it does (where explanation is needed)

For lines **71 to 262**

- Inits the player object (similar to **player_options**)
- Downloads and inserts the relevant player code
- Initializes the player object **IdmLp** with methods for twitter, fb sharing, google analytics

The code within the range mentioned is safe to remove

```
window.IdmEngineCallback = function () {
  Idm.Engine.init({
    domain: myEnvironment,
    "baseMovieURL": "https://v.idomoo.com",
    vertical: false,
    "chapters": false,
    "timeline_events": false,
    "autostart": '0',
    "analytics": [
      ["idm-cta-btn1", "Facebook"],
      ["idm-cta-btn2", "Twitter"],
      ["idm-cta-btn3", "LinkedIn"],
      ["idm-cta-btn4", "Download"],
      ["idm-cta-btn5", "Copy Link"]
    ]
  });
};

(function (d, s, id) {
  var js, fjs = d.getElementsByTagName(s)[0];
  if (d.getElementById(id)) {
    return;
  }
  js = d.createElement(s);
  js.id = id;
  js.src = '/' + myEnvironment + '/assets/js/eng.js';
  fjs.parentNode.insertBefore(js, fjs);
}(document, 'script', 'idomooEngine'));

//});

(function(){
  IdmLP = {
    getQSParmNew : function(){
      var query_string = {};
      var query = window.location.search.substring(1);
      var vars = query.split("&");
      for (var i=0;i<vars.length;i++) {
        var pair = vars[i].split("=");
        // If first entry with this name
```

```

        if (typeof query_string[pair[0]] === "undefined") {
            query_string[pair[0]] = pair[1];
            // If second entry with this name
        } else if (typeof query_string[pair[0]] === "string") {
            var arr = [ query_string[pair[0]], pair[1] ];
            query_string[pair[0]] = arr;
            // If third or later entry with this name
        } else {
            query_string[pair[0]].push(pair[1]);
        }
    }
    return query_string;
},

init: function(){
    this.getMovieURL();
    this.setHDVideoBox();
    this.setIphoneTrick();
    //this.setMetaTagsFBShare();
    this.setFBShareEvent();
    this.setTWShareEvent();
    this.initGA();
},

getMovieURL: function(){
    var self = this;
    var baseMovieUrl = document.getElementById('baseMovieUrl').value;
    var movie_url = null;

    //try to get the movie from hash id with baseURL or from url param
    if (baseMovieUrl && baseMovieUrl !== ""){
        var movie_hash = this.getQSPParamNew().id;
        movie_url = baseMovieUrl + movie_hash + ".mp4";
    }else{
        movie_url = this.getQSPParamNew().url;
    }
    this.movie_url = movie_url;
    //if not found get the default for this page
    if (!movie_url){
        setTimeout(function(){
            movie_url = Idm.Engine.getMovieURL();
            self.movie_url = movie_url;
        }, 800);
    }
},

setIphoneTrick: function () {
    var ua = navigator.userAgent;
    var self = this;
    if (ua.indexOf('iPhone') > 0 || ua.indexOf("iPad") > 0)    {

```

```

        //the meta is a fix for ios less than 6, there is a known zoom issue
        document.head.appendHTML = '<meta name="viewport"
content="width=device-width; initial-scale=1; maximum-scale=1">';
        setTimeout(function(){
            if (this.getQSParmNew().id){
                window.location = self.movie_url;
            }
        }, 800);
    },
    setHDVideoBox:function(){
        var is_hd = this.getQSParmNew().hd;
        if (is_hd && is_hd ==1){
            document.getElementById('wrap_content').style.maxWidth = '1280px';
        }
    },
    setMetaTagsFBShare: function(){
        var script = document.createElement('script');
        script.type = 'text/javascript';

        var lp_url = location.href;
        script.src = 'http://dev-play.idomoo.com/meta-tags.php?movieURL=' +
(this.movie_url) + '&lp=' + (lp_url);
        document.getElementsByTagName('head')[0].appendChild(script);
    },
    setTWShareEvent: function(){
        var fb_share = document.getElementsByClassName('social-tw-share')[0];
        if(fb_share){
            var self = this;
            fb_share.addEventListener('click', function() {

                var winWidth = 520, winHeight = 350;
                var winTop = (screen.height / 2) - (winHeight / 2);
                var winLeft = (screen.width / 2) - (winWidth / 2);
                var title = document.getElementById('meta_title').content;
                var desc = document.getElementById('meta_desc').content;

                var fb_share_url =
'http://pv.idomoo.com/fb_share.php?lp='+location.href+'&movieURL='+self.movie_url+'&title='+
title+'&desc='+desc;

                if (!self.movie_url){
                    return;
                }
                var img = self.movie_url.replace(".mp4", ".jpg");
                var elms = document.getElementsByTagName('meta');
                for (var i=0; i<elms.length; i++){
                    if (elms[i].getAttribute("property") === "og:image"){
                        elms[i].setAttribute("content", img);
                    }
                }
            });
        }
    }
}

```

```

    }
    }
    window.open('http://twitter.com/share?text=' +
encodeURIComponent(title) + '&url=' + encodeURIComponent(location.href), 'sharer', 'top=' +
winTop + ',left=' + winLeft + ',toolbar=0,status=0,width=' + 520 + ',height=' + 350);
    }, false);
    },
},
setFBShareEvent: function(){
    var fb_share = document.getElementsByClassName('social-fb-share')[0];
    if(fb_share){
        var self = this;
        fb_share.addEventListener('click', function() {

            var winWidth = 520, winHeight = 350;
            var winTop = (screen.height / 2) - (winHeight / 2);
            var winLeft = (screen.width / 2) - (winWidth / 2);
            var title = document.getElementById('meta_title').content;
            var desc = document.getElementById('meta_desc').content;

            var fb_share_url =
'http://pv.idomoo.com/fb_share.php?lp='+location.href+'&movieURL='+self.movie_url+'&title='+
title+'&desc='+desc;
            if (!self.movie_url){
                return;
            }
            var img = self.movie_url.replace(".mp4", ".jpg");
            var elms = document.getElementsByTagName('meta');
            for (var i=0; i<elms.length; i++){
                if (elms[i].getAttribute("property") === "og:image"){
                    elms[i].setAttribute("content", img);
                }
            }
            window.open('http://www.facebook.com/sharer.php?s=100&t=' +
encodeURIComponent(title) + '&u=' + encodeURIComponent(fb_share_url) + '&p[images][0]=' +
encodeURIComponent(img), 'sharer', 'top=' + winTop + ',left=' + winLeft +
',toolbar=0,status=0,width=' + 520 + ',height=' + 350);

        }, false);
    }
},
initGA: function(){
    (function(i,s,o,g,r,a,m){i['GoogleAnalyticsObject']=r;i[r]=i[r]||function()
    { (i[r].q=i[r].q||[]).push(arguments)}
    ,i[r].l=1*new Date();a=s.createElement(o),
m=s.getElementsByTagName(o)[0];a.async=1;a.src=g;m.parentNode.insertBefore(a,m)
})(window,document,'script','//www.google-analytics.com/analytics.js','ga');

```

```
        ga('create', 'UA-69451242-1', 'auto');
        ga('send', 'pageview');
    }

    };
})();

IdmLP.init();
```

Adding in player 2.x code

Importing our player code

At the top of our page, inside of the `<head></head>` tag, *along with the other imports* we must insert our players script

```
<script type="text/javascript" src="https://player.idomoo.com/latest/main.js"></script>
```

HTML Amends

Then we need to go into the body of our HTML locate the div that is using **idm-player** as a CSS class and add the **id** property to our player's div

```
id="idm-player"
```

```
<div class="player idm-player horizontal playerMargin" id="idm-player">
```

We should also find and remove these two pieces of HTML as we won't be needing them anymore

```


<div
  id="playerButton"
  class="play-button"
```



```
    onclick="loadPlayer();">
</div>
```

Adding the player code

Our last step is to add in players 2.x's version of what we previously removed, this should go in the bottom of your LP.

```
<script>
  var player_options = {
    // if using our videos by URL use src: url_of_video
    // if using our videos by ID use build_url: "https://v.idomoo.com/",
    width: 640,
    size: "wide",
    analytics_env: "us",
    ratio: "16:9",
    autoplay: false,
    mute: true,
  };
  idmPlayerCreate(player_options, "idm-player");
</script>
```

Social sharing, GA Analytics

For projects that are using social sharing, google analytics, we may or may not have to import the following code (updated version of what we removed in step 1)

```
function getQSPParamNew() {
  var query_string = {};
  var query = window.location.search.substring(1);
  var vars = query.split("&");
  for (var i = 0; i < vars.length; i++) {
    var pair = vars[i].split("=");
    if (typeof query_string[pair[0]] === "undefined") {
      query_string[pair[0]] = pair[1];
    } else if (typeof query_string[pair[0]] === "string") {
      var arr = [query_string[pair[0]], pair[1]];
    }
  }
}
```

```
        query_string[pair[0]] = arr;
    } else {
        query_string[pair[0]].push(pair[1]);
    }
}
return query_string;
}

var urlObject = getQSParmNew();
var vedioUrl = "";

if (urlObject) {
    if (typeof urlObject.url != "undefined" && urlObject.url != "") {
        vedioUrl = decodeURIComponent(urlObject.url);
    } else {
        vedioUrl =
            "https://s3.amazonaws.com/web-assets.idomoo.com/production/demo_video.mp4";
    }
} else {
    vedioUrl =
        "https://s3.amazonaws.com/web-assets.idomoo.com/production/demo_video.mp4";
}
```

Additional boilerplate methods created by Idomoo's LP builder. Used by projects with social share buttons, GA.

```
(function () {
    IdmLP = {
        getQSParmNew: function () {
            var query_string = {};
            var query = window.location.search.substring(1);
            var vars = query.split("&");
            for (var i = 0; i < vars.length; i++) {
                var pair = vars[i].split("=");
                if (typeof query_string[pair[0]] === "undefined") {
                    query_string[pair[0]] = pair[1];
                } else if (typeof query_string[pair[0]] === "string") {
                    var arr = [query_string[pair[0]], pair[1]];
                    query_string[pair[0]] = arr;
                } else {
                    query_string[pair[0]].push(pair[1]);
                }
            }
            return query_string;
        },

        init: function () {
            this.getMovieURL();
        }
    }
})
```

```
        this.setHDVideoBox();
        this.setFBShareEvent();
        this.setTWShareEvent();
        this.initGA();
    },
    getMovieURL: function () {
        var self = this;
        var baseMovieUrl = document.getElementById("baseMovieUrl").value;
        var movie_url = null;

        if (baseMovieUrl && baseMovieUrl !== "") {
            var movie_hash = this.getQSParmNew().id;
            movie_url = baseMovieUrl + movie_hash + ".mp4";
        } else {
            movie_url = this.getQSParmNew().url;
        }
        this.movie_url = movie_url;
        if (!movie_url) {
            self.movie_url =
                "https://s3.amazonaws.com/web-assets.idomoo.com/production/demo_video.mp4";
        }
    },

    setHDVideoBox: function () {
        var is_hd = this.getQSParmNew().hd;
        if (is_hd && is_hd == 1) {
            document.getElementById("wrap_content").style.maxWidth = "1280px";
        }
    },

    setTWShareEvent: function () {
        var fb_share = document.getElementsByClassName(
            "social-tw-share"
        )[0];
        if (fb_share) {
            var self = this;
            fb_share.addEventListener(
                "click",
                function () {
                    var winWidth = 520,
                        winHeight = 350;
                    var winTop = screen.height / 2 - winHeight / 2;
                    var winLeft = screen.width / 2 - winWidth / 2;
                    var title = document.getElementById("meta_tw_title").content;
                    var desc = document.getElementById("meta_tw_desc").content;

                    var fb_share_url =
                        "http://pv.idomoo.com/fb_share.php?lp=" +
                        location.href +
                        "&movieURL=" +
                        self.movie_url +
```

```

        "&title=" +
        title +
        "&desc=" +
        desc;
        if (!self.movie_url) {
            return;
        }
        if (self.movie_url.indexOf(".mp4") != -1) {
            var img = self.movie_url.replace(".mp4", ".jpg");
        } else {
            var img = self.movie_url.replace(".m3u8", ".jpg");
        }
        var elms = document.getElementsByTagName("meta");
        for (var i = 0; i < elms.length; i++) {
            if (elms[i].getAttribute("property") === "og:image") {
                elms[i].setAttribute("content", img);
            }
        }
        window.open(
            "http://twitter.com/share?text=" +
            encodeURIComponent(title) +
            "&url=" +
            encodeURIComponent(location.href),
            "sharer",
            "top=" +
            winTop +
            ",left=" +
            winLeft +
            ",toolbar=0,status=0,width=" +
            520 +
            ",height=" +
            350
        );
    },
    false
);
}
},

setFBShareEvent: function () {
    var fb_share = document.getElementsByClassName(
        "share"
    )[0];
    if (fb_share) {
        var self = this;
        fb_share.addEventListener(
            "click",
            function (e) {
                e.preventDefault();
                var winWidth = 520,
                    winHeight = 350;
            }
        );
    }
}

```

```

var winTop = screen.height / 2 - winHeight / 2;
var winLeft = screen.width / 2 - winWidth / 2;
var title = document.getElementById("meta_fb_title").content;
var desc = document.getElementById("meta_fb_desc").content;

var fb_share_url =
  "https://services.idomoo.com/fb-share?lp=" +
  location.href +
  "&movieURL=" +
  self.movie_url +
  "&title=" +
  encodeURIComponent(title) +
  "&desc=" +
  encodeURIComponent(desc);
if (!self.movie_url) {
  return;
}
if (self.movie_url.indexOf(".mp4") != -1) {
  var img = self.movie_url.replace(".mp4", ".jpg");
} else {
  var img = self.movie_url.replace(".m3u8", ".jpg");
}
var elms = document.getElementsByTagName("meta");
for (var i = 0; i < elms.length; i++) {
  if (elms[i].getAttribute("property") === "og:image") {
    elms[i].setAttribute("content", img);
  }
}
window.open(
  "http://www.facebook.com/sharer.php?s=100&t=" +
  encodeURIComponent(title) +
  "&u=" +
  encodeURIComponent(fb_share_url) +
  "&p[images][0]=" +
  encodeURIComponent(img),
  "sharer",
  "top=" +
  winTop +
  ",left=" +
  winLeft +
  ",toolbar=0,status=0,width=" +
  520 +
  ",height=" +
  350
);
},
false
);
}
},

```

```
initGA: function () {
  (function (i, s, o, g, r, a, m) {
    i["AnalyticsObject"] = r;
    (i[r] =
      i[r] ||
      function () {
        (i[r].q = i[r].q || []).push(arguments);
      },
      (i[r].l = 1 * new Date()));
    (a = s.createElement(o)), (m = s.getElementsByTagName(o)[0]);
    a.async = 1;
    a.src = g;
    m.parentNode.insertBefore(a, m);
  })(
    window,
    document,
    "script",
    "https://www.google-analytics.com/analytics.js",
    "ga"
  );
  ga("create", "UA-69451242-1", "auto");
  ga("send", "pageview");
},
  );
})();

IdmLP.init();
```