

# Getting Started

For each page on your campaign site that you wish to apply ClinAccess syndication to, you need to add a JavaScript script tag referencing the API javascript file. This must be done by adding a script tag into the document header as shown below:

You can also generate some code examples yourself using your supplied details, this can be done on the ClinAccess Dashboard

To load the ClinAccess API Javascripts over a secure connection (**https or http/https**) please use the following snippet.

```
<!DOCTYPE html>
<head>
  <script type="text/javascript"
src="//clinaccess.eu.m3.com/js/m3.global.api.js"> </script>
</head>
```

We recommend that you place this script tag after any other script tags in your header, such as jQuery or any other 3rd party libraries.

The syndication library dynamically loads some additional libraries as it needs them, they are loaded by performing a check to ensure they have not already been loaded by code within the pages. For reference, the Syndication library makes use of [RequireJS](#) for JavaScript module loading.

## jQuery

jQuery (>1.5) is required by the Syndication library to handle some core AJAX routines. It is also a requirement to make use of the Global Plugins library shown below. The API will attempt to automatically load a copy of jQuery version 1.11.1 from a CDN only if it has not already been loaded by a script tag above the API javascript script tag in the page header. The CDN that is currently used is: <http://cdnjs.cloudflare.com/ajax/libs/jquery/1.11.1/jquery.min.js>

## Global Plugins

There are also some jQuery plugin's available for additional functionality and content rendering. These can be referenced by amending the above code snippet to be:

```
<!DOCTYPE html>
<html>
<head>
  <script type="text/javascript"
src="//clinaccess.eu.m3.com/js/m3.global.api.js"> </script>
  <script type="text/javascript"
src="//clinaccess.eu.m3.com/js/plugins/m3.global.plugins.js"> </script>
```

```
</head>
```

# Implementation

## Concepts

There are some important key concepts to bear in mind when implementing the API on a site.

- API libraries are dynamically loaded the first time they are required by the Syndication API and remain in situ on the page
- Any Javascript code within the first **m3global** function callback is only executed if the end user is authenticated on at least one targetted community.
- Any Javascript code within the second **m3global** function callback is only executed if the end user is not authenticated on a targetted community.

## Example

The following code shows an example of the API being used to render the community Header and Footer, and Log an interaction (Page impression) for the currently loaded page.

It illustrates all the available callbacks and when they are called in the life-cycle of the API call. This code sample can be treated as a template for implementing the API on your site.

```
<!DOCTYPE html>
<html>
<head>
  <script type="text/javascript"
src="//clinaccess.eu.m3.com/js/m3.global.api.js"> </script>
</head>
<body style="margin: 0px;">
  <div id="m3Header"></div>
  <div id="m3Nav"></div>
  <div id="content" style="padding: 5px;">My site content goes here</div>
  <div id="m3Footer"></div>

  <script type="text/javascript">

    syndicationKey = "_mysyndicationid_"

    m3global(syndicationKey, [ "clinaccess" ], function(m3Syndication) {

      // This code is run if the user is authenticated on at least one
community

      m3Syndication.clinaccess.AddHeaderFooter(function() {
    });
```

```

        m3Syndication.logInteraction(function() {
        });

    }, function () {

        // This code is run if the user is NOT authenticated on at least
one community

    }, function (jqXHR, textStatus, errorThrown, response) {

        // This code is run if an error occurred during processing.

    });
</script>
</body>
</html>

```

These API calls make some assumptions on defaults for parameters that you can optionally specify, these are illustrated below on the individual API call reference.

## Syndication API Reference

### m3global

```

syndicationKey = "_mysyndicationid_"
m3global(syndicationKey, [ "clinaccess" ], function(m3Syndication) {
    // This callback is run if the user is authenticated on at least one
community
}, function () {
    // This callback is run if the user is NOT authenticated on at least
one community
}, function (jqXHR, textStatus, errorThrown, response) {
    // This callback is run if an error occurred during processing.
});

```

This API call performs the initialisation of the API for the Syndication Id **mysyndicationid**. It does this by performing the following steps

1. Initialise the API by loading any required libraries (jQuery/RequireJS etc).
2. Validate the passed Syndication Id and ensure it matches the specified campaign - if it is valid proceed to next step.
3. Determine if the current user is authenticated on one of the targeted communities. If they are authenticated on one community, use this community as the preferred community for rendering content.
4. If able to determine users community, execute the code in the first callback else execute the code in the second callback, otherwise if an error occurs execute the third callback.

The Javascript object named **m3syndication** in the example above is the resulting Syndication Object that is created by the initialisation routines. This object must be used as the base object for any subsequent API calls as can be seen in the code examples below.

## AddHeaderFooter

This function adds the community Header and Footer to the current page within the specified DIV tags. The code example below illustrates this call with the default values populated.

```
m3Syndication.clinaccess.AddHeaderFooter({ header: "m3Header", nav:
"m3Nav", footer: "m3Footer" }, function() {
    // This code is run on successful rendering of the Header and Footer
    content.
});
```

This code example, when run, will insert the Header content into a DIV with an id of m3Header, the navigation content into a DIV with a header of m3Nav and the footer content into a DIV with an id of m3Footer.

A full page code example which can be treated as a template for calling this function, can be found below.

```
<!DOCTYPE html>
<html>
<head>
    <script type="text/javascript"
src="//clinaccess.eu.m3.com/js/m3.global.api.js"> </script>
</head>
<body>
<div id="m3MainSiteContainer">
    <div id="m3Header"></div>
    <div id="m3Nav"></div>
    <div id="content" style="padding: 5px;"></div>
    <div id="m3Footer"></div>
</div>

<script type="text/javascript">
syndicationKey = "_mysyndicationid_"
m3global(syndicationKey, [ "clinaccess" ], function(m3Syndication) {
    m3Syndication.clinaccess.AddHeaderFooter({ header: "m3Header", nav:
"m3Nav", footer: "m3Footer" }, function() {
        // This code is run on successful rendering of the Header and
        Footer content.
    });
});
</script>
</body>
```

```
</html>
```

## logInteraction

The logInteraction API call enables you to record a page impression or site interaction on the Global API. A code example illustrating default values can be found below.

```
<!DOCTYPE html>
<html>
<head>
  <script type="text/javascript"
src="//clinaccess.eu.m3.com/js/m3.global.api.js"> </script>
</head>
<body>
<div id="m3MainSiteContainer">
  <div id="m3Header"></div>
  <div id="m3Nav"></div>
    <div id="content" style="padding: 5px;">
      </div>
  <div id="m3Footer"></div>
</div>

<script type="text/javascript">
syndicationKey = "_mysyndicationid_"
m3global(syndicationKey, [ "clinaccess" ], function(m3Syndication) {
  m3Syndication.logInteraction(function() {
    // This callback is run on successful recording of the interaction
  }, function(){
    // This callback is run if something went wrong with recording of the
interaction
  }, {
    "type" : "click", //The type of interaction
    "url" : window.location.href, // The url to record the interaction
for
    "referrer" : document.referrer // The referrer (previous) url to
record on the interaction
  });
});
</script>
</body>
</html>
```

It is important to note that Page Impression logging does not happen automatically and the client developers need to ensure that interaction logging is used where required within the page code.

You can also log interactions on **Page processes** such as clicking on external links or buttons on the page. This can be done by ensuring the CSS class name **m3track** is appended to any anchors/buttons you wish to track interactions for. You then need to make use of the

addTrackingIntercept jQuery plugin for this functionality to work.

## logSessionTag

This API call allows you to record a custom string value and associate it with the current users session. The code example below logs the sessiontag **mysessiontag** with the current user's session

```
<!DOCTYPE html>
<html>
<head>
  <script type="text/javascript"
src="//clinaccess.eu.m3.com/js/m3.global.api.js"> </script>
</head>
<body>
<div id="m3MainSiteContainer">
  <div id="m3Header"></div>
  <div id="m3Nav"></div>
    <div id="content" style="padding: 5px;">
      </div>
  <div id="m3Footer"></div>
</div>

<script type="text/javascript">
syndicationKey = "_mysyndicationid_"
m3global(syndicationKey, [ "clinaccess" ], function(m3Syndication) {
  m3Syndication.logSessionTag("mysessiontag", function() {
    // This callback is run on successful recording the session tag
  }, function(){
    // This callback is run if something went wrong with recording the
session tag
  });
});
</script>
</body>
</html>
```

## runIf

This API call enables you to run JavaScript code only if a user is authenticated on the specified community.

The code example below only runs the code block if the user is authenticated on the Doctors.net.uk community

```
<!DOCTYPE html>
<html>
<head>
  <script type="text/javascript">
```

```

src="//clinaccess.eu.m3.com/js/m3.global.api.js"> </script>
</head>
<body>
<div id="m3MainSiteContainer">
  <div id="m3Header"></div>
  <div id="m3Nav"></div>
    <div id="content" style="padding: 5px;">
      </div>
  <div id="m3Footer"></div>
</div>

<script type="text/javascript">
syndicationKey = "_mysyndicationid_"
m3global(syndicationKey, [ "clinaccess" ], function(m3Syndication) {
  m3Syndication.runIf("Doctors.net.uk", function (community) {
    // This callback only runs if the authenticated user is a member of
the Doctors.net.uk community
  });
});
</script>
</body>
</html>

```

## jQuery Plugins

### showLogin

This jQuery plugin can be used in the **notAuthenticated** callback of the **m3Global** API call to render a page with a list of targeted communities. Selecting a community from this list will take the end user to that community to authenticate. On successful authentication with that community, the end users browser is redirected back to the page that originally made this call.

A code example illustrating available callbacks is shown below

```

<!DOCTYPE html>
<html>
<head>
  <script type="text/javascript"
src="//clinaccess.eu.m3.com/js/m3.global.api.js"> </script>
  <script type="text/javascript"
src="//clinaccess.eu.m3.com/js/plugins/m3.global.plugins.js"> </script>
</head>
<body>
<div id="m3MainSiteContainer">
  <div id="m3Header"></div>
  <div id="m3Nav"></div>
    <div id="content" style="padding: 5px;">

```

```

        </div>
        <div id="m3Footer"></div>
    </div>

    <div id="loginPage">
    </div>

    <script type="text/javascript">
    syndicationKey = "_mysyndicationid_"
    m3global(syndicationKey, [ "clinaccess" ], function(m3Syndication) {
        // This callback is run if the user is authenticated on at least one
        community
    }, function (m3Syndication) {
        // This callback is run if the user is NOT authenticated on at least
        one community

        jQuery("#loginPage").showLogin(m3Syndication, {
            "onShow" : function(community, domEle) {
                jQuery(domEle).show();
            },
            onHide : function(domEle) {
                jQuery(domEle).hide();
            }
        });

    }, function (jqXHR, textStatus, errorThrown, response) {
        // This callback is run if an error occurred during processing.
    });
    </script>
</body>
</html>

```

Please note: To use the jQuery ShowLogin plugin, you need to specify the "m3Syndication" parameter on the **notAuthenticated** and pass it to this plugin as shown in the example above.

This example populates the div with an id of **loginPage** with the HTML list of targeted communities. The onShow and onHide callbacks can be used to implement custom show/hide events for viewing the DIV, the defaults for these callbacks are shown in the example.

## showCommunityContent

This jQuery plugin can be used to show HTML element containing certain content only if the authenticated user is a member of a certain community.

The code example below shows the DIV with an id of **dnukContent** only if the current user is authenticated on Doctors.net.uk



```

<!DOCTYPE html>
<html>
<head>
  <script type="text/javascript"
src="//clinaccess.eu.m3.com/js/m3.global.api.js"></script>
  <script type="text/javascript"
src="//clinaccess.eu.m3.com/js/plugins/m3.global.plugins.js"></script>
</head>
<body>
<div id="m3MainSiteContainer">
  <div id="m3Header"></div>
  <div id="m3Nav"></div>
    <div id="content" style="padding: 5px;">
    </div>
  <div id="m3Footer"></div>
</div>

<div id="dnukContent">Doctors.net.uk
</div>

<script type="text/javascript">
syndicationKey = "_mysyndicationid_"
m3global(syndicationKey, [ "clinaccess" ], function(m3Syndication) {
  // This callback is run if the user is authenticated on at least one
community

  jQuery("#dnukContent").showCommunityContent(m3Syndication, {
    "community" : "Doctors.net.uk",
    "onShow" : function(community, domEle) {
      jQuery(domEle).show();
    },
    onHide : function(domEle) {
      jQuery(domEle).hide();
    }
  });

}, function () {
  // This callback is run if the user is NOT authenticated on at least
one community
}, function (jqXHR, textStatus, errorThrown, response) {
  // This callback is run if an error occurred during processing.
});
</script>
</body>
</html>

```

## addTrackingIntercept

The addTrackingIntercept jQuery plugin allows you to add Automatically Interaction tracking code

around certain elements via jQuery selectors. This tracking code allows you to record Interactions on external URL's in anchors or clicks on buttons on the pages.

This code example below adds the interaction tracking code to all elements with a jQuery selector of **.m3track** and shows the available parameters with defaults.

```
<!DOCTYPE html>
<html>
<head>
  <script type="text/javascript"
src="//clinaccess.eu.m3.com/js/m3.global.api.js"></script>
  <script type="text/javascript"
src="//clinaccess.eu.m3.com/js/plugins/m3.global.plugins.js"></script>
</head>
<body>
<div id="m3MainSiteContainer">
  <div id="m3Header"></div>
  <div id="m3Nav"></div>
    <div id="content" style="padding: 5px;">
    </div>
  <div id="m3Footer"></div>
</div>

<div id="dnukContent">Doctors.net.uk
</div>

<script type="text/javascript">
syndicationKey = "_mysyndicationid_"
m3global(syndicationKey, [ "clinaccess" ], function(m3Syndication) {
  // This callback is run if the user is authenticated on at least one
  community

    jQuery(".m3track").addTrackingIntercept(m3Syndication, {
      "type" : "click",
      "referrer" : document.referrer,
      "onComplete" : function(m3Syndication, element) {
        // This callback is executed on successful completion of the
        tracking intercept adding.
      }
    });

}, function () {
  // This callback is run if the user is NOT authenticated on at least
  one community
}, function (jqXHR, textStatus, errorThrown, response) {
  // This callback is run if an error occurred during processing.
});
</script>
```

```
</body>
</html>
```

The tracking intercept needs to be added after all the relevant items in the selector have been initialised, therefore it is recommended that this call is made before the logInteraction call as the last two statements within the authenticated user callback of the m3Global call.

The tracking intercept code automatically instigates the click event for the relevant selector after the interaction logging has been completed successfully, so the operation is transparent to the end user.

## Code examples

### Example with API calls, HTML & Plugin usage

The code example below shows a typical page with API calls and additionally makes use of the jQuery plugins available.

```
<!DOCTYPE html>
<html>
<head>
<title>ClinAccess example</title>
  <script src="http://code.jquery.com/jquery-1.11.0.min.js"></script>
  <script type="text/javascript"
src="//clinaccess.eu.m3.com/js/m3.global.api.js"></script>
  <script type="text/javascript"
src="//clinaccess.eu.m3.com/js/plugins/m3.global.plugins.js"></script>
</head>
<body style="margin: 0px;">
  <div id="m3MainSiteContainer">
    <div id="m3Header"></div>
    <div id="m3Nav"></div>
    <div id="content" style="padding: 5px;">

      <div id="dnukCommunity" style="display: none;">You are a
Doctors.net.uk
      user</div>
      <div id="mdLinxCommunity" style="display: none;">You are a
MDLinx user</div>

      <ul>
        <li><a class="m3track"
href="http://www.google.co.uk">Google.co.uk
          with Tracking Intercept</a></li>
        <li><a class="m3track" target="blank"
href="http://www.bbc.co.uk/">BBC with Tracking
Intercept in new
```

```

        tab</a></li>
        <li><a class="m3track" target="namedwindow"
        href="http://edition.cnn.com/">CNN with Tracking
Intercept in
        named window</a></li>
    </ul>
</div>
<div id="m3Footer"></div>
</div>

<div id="loginPage" style="display:none;"></div>

<script type="text/javascript">

    syndicationKey = "_mysyndicationid_"

    m3global(syndicationKey, [ "clinaccess" ], function(m3Syndication)
{
    m3Syndication.clinaccess.AddHeaderFooter(function() {
    });

    m3Syndication.logInteraction(function() {
    });

    jQuery("#dnukCommunity").showCommunityContent(m3Syndication,{
    "community" : "Doctors.net.uk"
    });

    jQuery("#mdLinxCommunity").showCommunityContent(m3Syndication,{
    "community" : "MDLinx.com"
    });

    m3Syndication.runIf("Doctors.net.uk", function(community) {
        console.log("You seem to be a member of the
Doctors.net.uk community");
    });

    jQuery(".m3track").addTrackingIntercept(m3Syndication);

    }, function(m3Syndication){
        jQuery("#loginPage").showLogin(m3Syndication);
    });
</script>
</body>
</html>

```

# Technical Support

## Email support

Please go to <https://m3communities.eu.m3.com> if you have any technical questions concerning the API.

If you have any account queries or do not have a valid Syndication id, please contact your Doctors.net.uk Account Manager.

M3 provide access to ClinAccess API and provide support throughout the implementation process. There may be occasions where the 3rd party sends M3 samples of code to correct or tweak. We are happy to provide guidance in these cases, however, liability for any issues arising on the third party site remains the responsibility of the third party as owners of the website.