

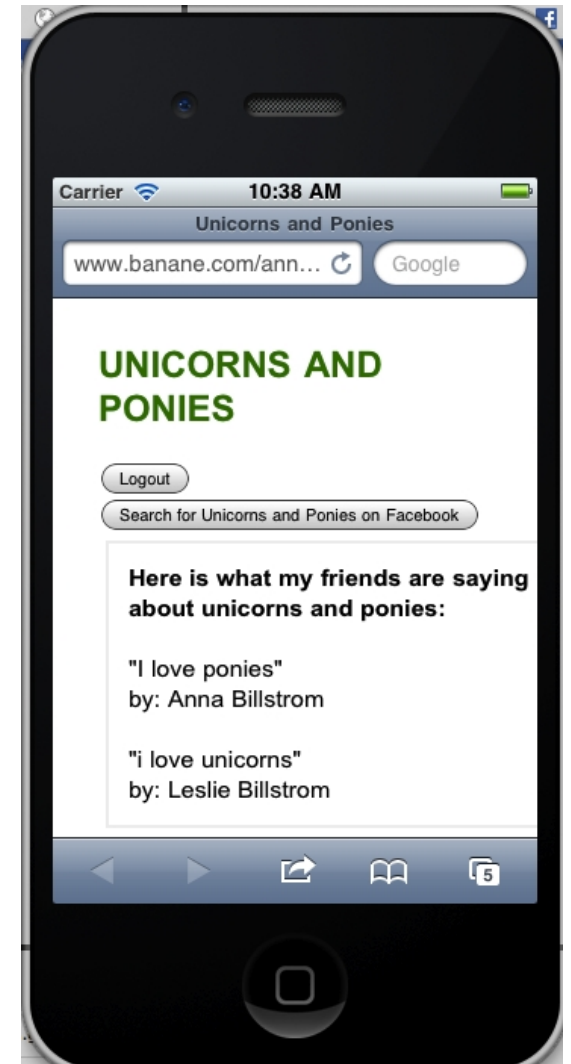
Facebook Mobile Web App in 20 7 minutes



Basic Steps

- Become an FB developer
- FB Mobile Web
- Application Settings
- Authentication
- Open Graph/Social Graph
- Social Channels

The App



FB Application Setup

Basic Info

App Display Name: [?]

App Namespace: [?]

Contact Email: [?]

App Domain: [?]

Category: [?] Choose a sub-category [?]

Hosting URL: [?] You have not generated a URL through one of our partners ([Get one](#))

Select how your app integrates with Facebook

Mobile Web ×

Mobile Web URL: [?]

Authenticated Referrals ×

User & Friend Permissions: [?]

Extended Permissions: [?]

[Preview Referral Dialog](#)

Auth Token Parameter: [?]

[Save Changes](#)

Coding

```
<html>
<head>
  <meta name="viewport"
    content="initial-scale=1,minimum-scale=1,maximum-scale=1,user-scalable=no"/>
  <title>Unicorns and Ponies</title>
  <style type="text/css">
    body{ font-family:garamond,arial;margin:30px;background-color:green;color:#fff;box-shadow:2px;}
    img {margin:5px;}
    button { padding:4 10 4 10px;display:inline-block; }

    #unicorn-posts {border:2px solid #efefef;background-
color:white;color:#000;padding:13px;margin:5px;width:300px;}
  </style>
  <script src="http://ajax.googleapis.com/ajax/libs/jquery/1.7.2/jquery.min.js"></script>
</head>
```

Facebook JS SDK

```
<div id="fb-root"></div>
<script>
  window.fbAsyncInit = function() {

    FB.init({
      appId      : '211342755649233', // App ID
      channelUrl : '//www.banane.com/channel.html', // Channel File
      status     : true, // check login status
      cookie     : true, // enable cookies to allow the server to access the session
      xfbml      : true // parse XFBML
    });

    FB.Event.subscribe('auth.statusChange', handleStatusChange);
  };

  // Load the SDK Asynchronously
  (function(d){
    var js, id = 'facebook-jssdk', ref = d.getElementsByTagName('script')[0];
    if (d.getElementById(id)) {return;}
    js = d.createElement('script'); js.id = id; js.async = true;
    js.src = "//connect.facebook.net/en_US/all.js";
    ref.parentNode.insertBefore(js, ref);
  })(document);

</script>
```

Managing Authentication

```
<span id="login" class="unauthed">
  <button onClick="loginUser();">Login</button>
</span>
<span id="logout" class="authed">
  <button onClick="FB.logout();">Logout</button>
</span>

<script>
  function loginUser() {
    FB.login(function(response) { }, {scope:'read_stream'});
  }
</script>
```

Managing Authentication Cont.

```
<script>
function handleStatusChange(response) {
  if(response.authResponse){
    $(".authed").show();
    $(".unauthed").hide();
  } else {
    $(".authed").hide();
    $(".unauthed").show();
  }
  if (response.authResponse) {
    console.log(response);
  }
};
</script>
```



```
<!-- do an api/graph call -->
<div id="unicorn-button" class="authed">
  <button onclick="getPosts();">Search for Unicorns and Ponies on Facebook</button>
</div>
<div id="unicorn-posts" style="display:none;">
<strong>Here is what my friends are saying about unicorns and ponies:</strong><br />
</div>
<script>
function getPosts() {
  FB.api('/me/home?fields=message,from', function(response) {
    console.log('got home posts: ', response);

    if (!response.error) {
      var markup = "";

      var posts = response.data;
      var searchword = "UNICORNS";
      var searchword2 = "PONIES";

      for (var i=0; i < posts.length && i < 25; i++) {
        var post = posts[i];
        if(post.message != undefined){
          var wordsarray = post.message.toUpperCase().split(' ');
          var match = $.inArray(searchword,wordsarray);
          match += $.inArray(searchword2,wordsarray);

          if(match>0){
            markup += '<br>' + post.message + '<br> by: ' + post.from.name + '<br>';
          }
        }
      }

      if(markup == ""){
        markup = "What haters! Nobody is talking about unicorns :(";
      }
      $("#unicorn-posts").append(markup);
      $("#unicorn-posts").show();
    }
  });
}
</script>
```

Social Channel: Feed Story

```
<!-- share to feed button -->
<div id="share-button" class="authed">
<button onClick="share();">Share</button>
</div>
<script>
function share() {
  FB.ui({
    method: 'feed',
    name: 'OMG I LOVE UNICORNS',
    caption: 'Unicorns & Ponies',
    description: 'Check out what your friends are saying... about unicorns and ponies.',
    link: 'http://www.banane.com/annafbtest',
    picture: 'http://www.banane.com/annafbtest/unicorn.jpg'
  },
  function(response) {
    console.log('publishStory response: ', response);
  });
  return false;
}
</script>
```

Social Channel Request 2.0: Invite Friends

```
<!-- invite friends button -->
<div id="invite-button" class="authed">
  <button onClick="invite();">Invite</button><br />
</div>
<script>
function invite(){
  FB.ui({
    method: 'apprequests',
    message: 'Check out what people are saying about unicorns!',
  },
  function(response) {
    console.log('sendRequest response: ', response);
  });
}
</script>
```

Resources

- Guides:
 - <https://developers.facebook.com/docs/guides/mobile/>
 - <https://developers.facebook.com/docs/guides/mobile/web/>
- Facebook Mobile Web Tutorial
<https://developers.facebook.com/docs/guides/mobile/web/>
- Graph API Explorer <https://developers.facebook.com/tools/explorer>
- Code sample: <http://www.banane.com/annafbtest/index.html>
- Developer site (app information) <http://www.facebook.com/developers>
- Feed Dialog reference
<https://developers.facebook.com/docs/reference/dialogs/feed/>
- Permissions:
<https://developers.facebook.com/docs/authentication/permissions/>

Thanks

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