Shopify XO templates

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Here's a guide to add a slick slider of XO product recommendations to your Shopify store.

As Shopify uses its own templating language, Liquid, check out the documentation here if needed.
The liquid handy cheatsheet might be useful as well to understand the basics of the language quickly.
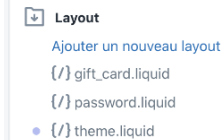
You don't need to master it to follow this guide, and most of the code we'll add will be written HTML/CSS or JS, but check these out if you feel curious!

1/ Make sure you have jQuery installed in your chosen theme

While browsing on your Shop 'typeof jQuery' in your console. If 'function' comes up you're all good, go straight to step 2/.

Otherwise, if jQuery is undefined, you'll need to load it in your theme: login to your Shopify store > Online store > Themes > Edit HTML/CSS.

- In the '*Layout*' folder, look for '*theme.liquid*'

```
⬇ Layout
    Ajouter un nouveau layout
   {/} gift_card.liquid
   {/} password.liquid
 ● {/} theme.liquid
```

- Insert the following script as the first one, as some may depend on it to function (right after the meta tags):

```html
<script
  src="https://code.jquery.com/jquery-3.4.1.js"
  integrity="sha256-WpOohJOqMqqyKL9FccASB9O0KwACQJpFTUBLTYOVvVU="
  crossorigin="anonymous">
</script>
```

2/ Create a div for your slick slider

- Add this code wherever you want your slider to go, after the '{% section 'header' %}' for example, with your chosen widget title between the curly brackets:

```html
<div class="xo-container">
     <div class="slider-container">
       <h2 class="xo-title"> {{ your widget title here }} </h2>
         <div class="slider autoplay slider-custom" id="xo-slider"></div>
     </div>
</div>
```

This will be used as a target destination for your slides.

- Now create a new stylesheet '*styles-xo.css*' inside the '*assets*' folder. I'd suggest you add all your custom styling here, to not mess with the theme's styles.
Choose your slider's height and save your file.

```css
.xo-container {
    height: 450px
}
```

- Finally, link your stylesheet inside '*theme.liquid*', in the head tag:

```
{{ 'styles-xo.css' | asset_url | stylesheet_tag }}
```

3/ Add slick to your Shopify theme

- Download the Slick library by clicking here

- Login to your Shopify store > Online store > Themes > Edit HTML/CSS

- Scroll down to find the '*Assets*' folder, and upload your extracted slick files one by one directly into it.
You'll need (last 4 are in the 'fonts' folder, upload them directly with the rest): *slick.min.js, slick.css, slick-theme.css, slick.woff, slick.ttf, slick.svg, slick.eot*

- Edit the file '*slick-theme.css*' and update the font paths: *'src: url('./fonts/slick.eot')* → *' src: url('./slick.eot')* and so on for all the font paths of the files you just linked.

- Link the styles to '*theme.liquid*' (after '*styles-xo.css*' for example):

```
{{ 'slick.css' | asset_url | stylesheet_tag }}
{{ 'slick-theme.css' | asset_url | stylesheet_tag }}
```

- Add the following to '*slick-theme.css*':

```css
.slider-container {
    position: relative;
    margin-top: 10px;
    left: 0;
    height: 100%;
    width:100%;
```

```
    }
.slider-custom {
    width: 850px;
    margin-left: auto;
    margin-right: auto;
    display: block;
    height: 80px;
}
.slick-slide {
    width: 170px;
    padding-left: 10px;
    padding-right: 10px;
}
```

You might want to change these later, but it's a basic styling you can start from.

4/ Add XO to your shop

Here we'll use the XO documentation to initialise XO inside your shop.

- Still in '*theme.liquid*', add your XO init/tracker/identify:

```
<script>
    (function(w){
        w._ebq = w._ebq || [];
        w._ebq.push(['init', '{{trackerKey}}']);
        var elt = document.createElement('script'); elt.type = 'text/javascript'; elt.async = true;
        elt.src = ('https:' == document.location.protocol ? 'https://' : 'http://') + 'cdn.early-birds.fr/tenants/{{your t
        var s = document.getElementsByTagName('script')[0]; s.parentNode.insertBefore(elt, s);
        var profile = {};
          { profile.datasources = [{
            id: '{{trackerKey}}',
            original_id: {{path in dataLayer to your customer's id - email, id etc}}
          }];
          }
        w._ebq.push(['identify', profile]);
    })(window);
</script>
```

You can find both {{trackerKey}} and {{trackerKey}} under the integration tab in the XO console → Developers > Integration.
Refer to the documentation if you need more info regarding this step.

- Link your script in '*theme.liquid'* under the jQuery one:

```
<script src="{{ 'xo-recos.js' | asset_url }}" defer="defer"></script>
```

5/ Get your recommendations

- Once you have your API call for XO recommendations, create a new file under the '*Assets*' folder, and name it '*xo-recos.js*'

- Insert to following code in it, updating the 'url' variable with your own API call:

```
var url = 'https://api.early-birds.fr/widget/{{widgetId}}/recommendations/...'

$(document).ready(function() {
  fetch(url)
    .then (
      function(response) {
        response.json().then(function(data) {
          for (let i = 0; i < data.recommendations.length; i++) {
              var one_product = " <div class='xo-recommendation slick-slide xo-recommendation-" + i + "'> <a href=" + data
              document.getElementsByClassName("autoplay")[0].innerHTML += one_product;
          }
        })
      }
    ).catch(err => console.log(err))

  var checkXO = setInterval(function() {
    if ($('.xo-recommendation').length) {
        $('.autoplay').slick({
            dots: false,
            infinite: true,
            speed: 500,
            slidesToShow: 4,
            slidesToScroll: 1,
            autoplay: true,
            autoplaySpeed: 2000,
            arrows: false,
```

```
                variableWidth: true
            });
        clearInterval(checkXO);
      }
    }, 100);
  });
```

After waiting for the whole document to load, we are fetching the API call, and inserting the recommendations into the slider.
When this is done, we charge slick into the slider with its settings → 'checkXO' is important, because slick **must** be initialised after the slides with recommendations are inserted into the DOM.

NB: Liquid is server side and JS is client side. Although you can pass variables from Liquid to JS, the opposite isn't true, JS is needed to insert the variables which is why we use the 'innerHTML' property here.

- Check out the slick documentation to edit the settings if you'd like: you can change the speed of the autoplay or disable it, add arrows, change the number of sides displayed, etc.

- Finally, link your script in '*theme.liquid*' under jQuery:

```
<script src="{{ 'xo-recos.js' | asset_url }}" defer="defer"></script>
```

6/ Final touches ✨

Return to your '*xo-styles.css*' file in the '*Assets*' folder, and copy-paste the following for a basic styling of your product recommendations:

```css
.xo-title {
    text-align: center;
    padding: 10px 0 30px 0;
    text-transform: capitalize;
}

.xo-product-infos {
    text-align: center;
}

.xo-product-title {
    font-weight: bold;
    margin: 0;
    padding-top: 20px;
    text-transform: capitalize;
}

.xo-product-title:hover {
    text-decoration: underline;
}

.xo-product-price {
    font-style: italic;
}

.xo-product-image {
    height: 200px;
    margin: 0 auto;
}
```