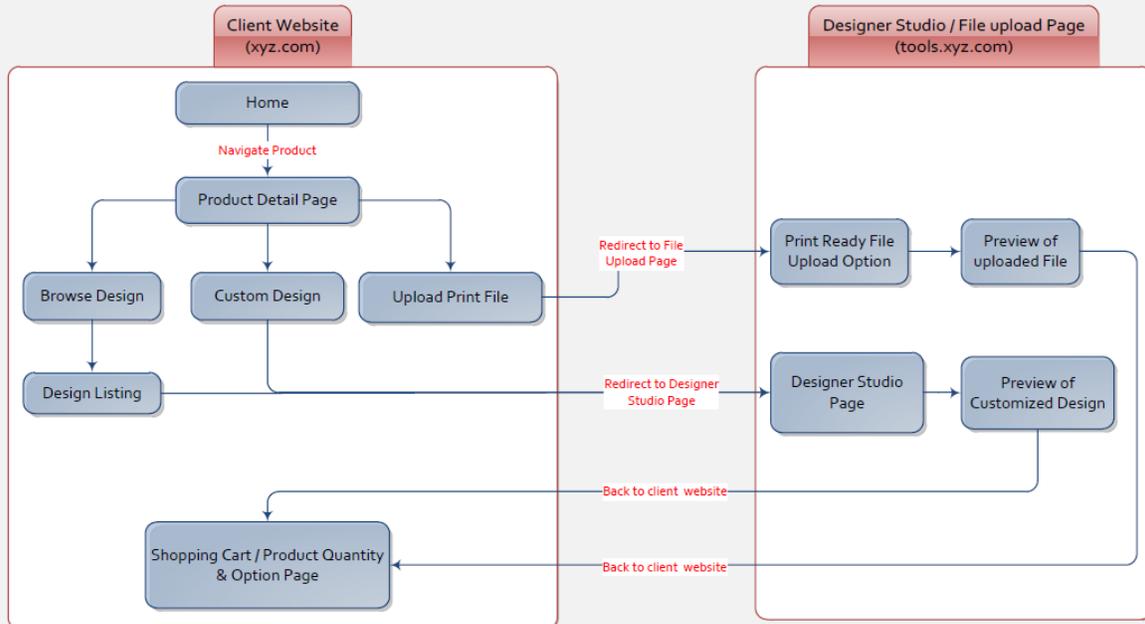


Designer Studio Integration

Designer Studio Integration Workflow in Client Website

- xyz.com main client website.
- tools.xyz.com will create subdomain and run designer studio on the sub domain.



- Designer Studio's web-services allow client website to connect with Online Designer Studio.
- Web services response is in XML or JSON based on selected parameter.
- General common variables
 - return_page - If you want to redirect on specific page then pass your page name, it'll be redirect on that page.
 - size_id - You can pass size_id for the specific product in which you want to load studio, this size_id is provided in web-service of product info.
 - user_id - You can pass user_id for specific user wise image storage in designer studio.
 - ex_response_param - In this you can provide the parameters, which you want back at time of returning at your site.
 - ex_input_param - In this you can provide extra parameters, for custom requirement to load the studio as per specific requirement.

All services are mentioned as below as well as we have option for create new services apart from mentioned.

1) getProductsInfo

This service is used in the system to get details of specific product.

Required parameters

- client_productid - Product Id of client's system.

Output

- client_productid - Product Id of client's system.
- product_id - Product id of our system with reference to studio.
- product_name - Name which refers to display of product in studio page.
- products_image - Image path of the product uploaded from admin side for referring to a product.
- sizes - Size details of a product.
 - size_id - Auto generated id of a size.
 - size_title - Size title that is displayed in designer studio.
 - size_width - Width that is loaded in studio.
 - size_height - Height that is loaded in studio.
 - no_of_folding - Number of folds for a product in studio.
- pages - Details of sides of a product.
 - page_id - Page ID of specific side.
 - page_title - Page title of specific side to be displayed in studio.
- customize_studio_url - Product's studio page URL to load studio page.
- upload_center_url - Product's upload page URL to upload the design.

2) getProductTemplates

This service is used to get all master templates created for a particular product by admin.

Required parameters

- client_productid - Product ID of client's system.

Optional parameters

- size_id - To get templates of a specific size of the product.
- category_id - To get templates of a specific category of a product.
- keyword - To get templates of a specific keyword of a product.

Output

- product_id - ID of our system referring to a product for which the template is created.
- template_id - Auto generated ID that refers to a template.
- template_name - Name which refers to a template.

- category_id - ID of specific category of templates for a product.
- category_name - Name which refers to a specific category of templates for a product.
- size_id - Size ID of product for which template is created.
- size_title - Size title of product for which the template is created.
- design_url - Design URL of specific templates, to load the already created design.
- images - Image details of specific design as per sides of product.
- Titles of Page Side.
 - page_id - Page id of specific side.
 - page_title - Page title of specific side.
 - large - Large image of the design of a specific product's side.
 - thumb - Small (thumb nail) image of design of specific product's side.

3) getUserTemplates

This service is used to get all the templates created by a specific user under a specific user ID.

Note: When customer personalize templates into designer studio and personalize templates and click on Save and Continue then Token_id will generate from designer studio automatically and send this token_id in your website as query string. When you edit design or get design reference, you need to use TokenID. This Token_id always exists into the system.

Required parameters

- token_id / user_id / order_id - We can get templates created by a user on the basis of token_id, user_id, or order_id. Token_id is a unique ID created and attributed to a design template. User_id is the specific ID of the user who has created the template. Order_id refers to the order in which the template is ordered.

Output

- user_id - User ID of customer by whom the design is created.
- template_id - Auto generated ID for the new designed template.
- template_name - Reference name given to the new designed template.
- design_url - Edit URL of the template created by user.
- pdf_preview_url - PDF preview of the design created in designer studio.
- print_ready_file_url - The high resolution vector based print-ready PDF file which will go into print workflow.
- images - Image details of specific designs as per sides of the product.
 - Page side's title.
 - page_id - Page id of specific side.
 - page_title - Page title of specific side.

- large - Large image of the design of a specific product's side.
- thumb - Small (thumb nail) image of design of specific product's side.
- original_file - Original file that is uploaded by client for specific product's side.

Point to Remember If `template_type = "D"` then it means that the design is created in Designer Studio and there will be a `preview_url` and `print_ready_file`. If `template_type = "U"` then it means that the design is uploaded via upload centre. So in output there will not be a `preview_url` and `print_ready_file`. Instead there will be original file parameter as per specific side's file that is uploaded by the customer.

4) getTemplateCategories

This service is used in the system to get all template category details of a specific product for which templates are created.

Required parameters

- `client_productid` - Product ID of client's system.

Output

- `category_id` - Auto generated template category ID
- `category_name` - Name of a specific category.
- `total_template` - Total number of templates created in a particular category of the specific product.

5) updateUserTemplate

This service is used in the system to update `user_id` or `order_id` for a created design.

Required parameters

- `token_id` - Unique ID is created and attributed after a design is created.
- `user_id / order_id` - You need to pass at least one parameter of `user_id` or `order_id` to update the created design.

Output

- `true` - This means the design is updated successfully.
- `false` - This means the update process has failed.

6) deleteTemplates

This service is used in the system to delete designs created by users. Designs will be deleted based on their `token_id` or `user_id` or `order_id`.

Required parameters

- `token_id / user_id / order_id` - Refers to unique ID created and attributed to a design template. Refers to specific ID of the user who has created the template. Refers to the order in which the template is ordered.

Output

- true - This means the design is deleted successfully
- false - This means the delete process has failed.

7) Create New Services

We have option for create new services by developer as well. OnPrintShop also can create new service but if in future require create new service then also option is available.

Service Structure & Guidelines

- We are using RESTAPI for web services. (<http://www.restapitutorial.com/>)
- Directory Structure



- Example of create custom Service

You can get request parameter and return as JSON or XML format response.

```
class custom_services extends services
{
    public function custom() {
        // How to fetch request parameter
        $request_id = REST::get_params('request_id');
        $language_id = strtoupper(REST::get_params('languageid', 'PT'));

        // VALIDATE request
        if ( {$request_id == ''} )
            return array('err' => 'Invalid request');

        // Prepare OUTPUT, it should be an array
        $output = array();

        // If no record then return this
        if(empty($output))
            $output=array("Record Not Found");

        return $output;
    }
}
```

Get Request Parameter
