

Character Sheets

Go back to [Wargrounds Canberra](#)

- Working Form: [form](#)
- Working Location: <https://www.curufea.com/image.php>
- Testing Location: https://www.curufea.com/image_test.php

```
<?php
// Character Sheet creator for Wargrounds Canberra
// To be added- some images (to be sourced) as defaults - background,
factions, space fillers and icons
// To be added- a player photo (part of the form input) and basic text
// Version 0.3 16/7/24 - curufea@yahoo.com
// Currently hosted at www.curufea.com

// Path to our font file (relative to the location of this file)
$font = 'blackwoodcastle.ttf'; // for field names
$font_data = 'oldeenglish.ttf'; // for player data
// Path to images (relative to the location of this file)
$imagepath = 'data/media/wargroundscanberra/';
// Background image texture
$imageback = $imagepath.'another-rough-old-and-worn-parchment-paper.jpg';
$im2 = imagecreatefromjpeg("$imageback");

//defaults - to be overwritten by form inputs
$fontsize = 20;
$linespacing = round($fontsize*2);
$width = 530; // pixel size x of image
$height = 754; // size y of image

// array of default field names
$names = array(
"Player Name:",
"Character's Name:",
"Titles/Nicknames:",
"Race/Species:",
"Hair Colour:",
"Eye Colour:",
"Skin Colour:",
"Class & Tier:",
"School of Magic:",
"Faction:",
"Warband:",
"Marx:");

$factions_images = array(
"clans.jpg",
"empire.jpg",
"greyscales.jpg",
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"horde.jpg",
"wardens.jpg");
$factions_titles = array(
"The Clans",
"The Empire",
"Greyscales",
"The Horde",
"The Wardens");

// test data - note will need some error checking in future, probably
warnings where field data is too long to fit
$player_data = array (
"Peter", "Cousin Curufea", "", "Human
(?)", "Natural", "Natural", "Natural", "Mage (Tier 3)", "Divine Caster", "3", "Bone
Hearts", "0"
);
// count number of field names
$numnames = count($names)-1;

// Create image
$image = imagecreatetruecolor($width,$height);

// pick color for the text
$fontcolor = imagecolorallocate($image, 0, 0, 0);

// add background texture
imagecopyresized($image, $im2, 0, 0, 0, 0, $width, $height, imagesx($im2),
imagesy($im2));
imagedestroy($im2);

// x,y coords for imagettftext defines the baseline of the text: the lower-
left corner
// so the x coord can stay as 0 but you have to add the font size to the y
to simulate
// top left boundary so we can write the text within the boundary of the
image
$x = $fontsize;
$y = $fontsize;
for ($count=0;$count<=$numnames;$count++) {
    $y=$y+$linespacing; // increment by estimated line separation height
// Clunky bit to do positioning. I'll just generate an array next time
    if ($count==3||$count==7) $y=$y+$linespacing; // blank lines to
separate
    if ($count==9) { // right column
        $y= $linespacing*5;
        $x= round($width/2);
    };
    if ($count==$numnames) { // centre the last text in the right column
        $text = $names[$count] . " 999"; // add possible length
```

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        $text_box = imgettfbbox($fontsize,0,$font,$text); // makes an array
of co-ordinates for the text box
        // Get your Text Width and
        $text_width = $text_box[2]-$text_box[0];
        $x = round(($width*2/3)-($text_width/2)); // middle of the right
column minus half the size of the text
        $y=$y+$linespacing;
    };
// Field names in blackwood castle font
    imgettfbtext($image, $fontsize, 0, $x, $y, $fontcolor, $font,
$names[$count]);
// Player data in olde english font
    $text_box = imgettfbbox($fontsize,0,$font,$names[$count]); // workout
where the field name ends
    $text_width = $text_box[2]-$text_box[0]+round($fontsize/2);
    $text = $player_data[$count];
// Change the selected faction to readable text (and add faction logo)
    if ($count==9) {
        $text = $factions_titles[intval($player_data[$count])];
        $faction= $imagepath.$factions_images[intval($player_data[$count])];
        $im3 = imagecreatefromjpeg("$faction");
        imagecopyresized($image, $im3, $width-80, 120, 0, 0, 50,
50,imagesx($im3), imagesy($im3));
        imagedestroy($im3);
    };
// Print the data
    imgettfbtext($image, $fontsize, 0, $x+$text_width, $y, $fontcolor,
$font_data, $text);
};

// tell the browser that the content is an image
header('Content-type: image/jpeg');
// output image to the browser
imagejpeg($image);

// delete the image resource
imagedestroy($image);
?>
```

To do

- A [form test](#) with default text for field names prefilled (but not as complex as the one in this link)
- Images for the various bits
- Possibly API use for wherever photos get stored (or just upload them) - may need to edit photos to fit
- Variable sheet size - just scale everything to whatever is needed.

Last
update:
2024/07/18 18:06 wargroundscanberra:character_sheet https://curufea.com/doku.php?id=wargroundscanberra:character_sheet&rev=1721351185

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