

PHP: Build an Array of Response Data

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Some users have requested example scripts to parse the basic survey response array into something more malleable for working with the data. The following example is very similar to code we use to organize survey data into an array that is easier to work with, at least within PHP.

```
/**
 * splitFieldName - Splits a returned field name (the merge codes) and
 * splits it up into an array via regex
 * @param string $fieldname Field to split
 * @return mixed array with result or error
 * */
public static function splitFieldNames($fieldname)
{
    //Added error protection (if it's an array we'll assume its in field_re
    rn format)
    if(is_array($fieldname))
        return $fieldname;
    if(!is_string($fieldname))
        return false;
    $fieldname = stripslashes($fieldname);
    // Use regex to pull out the field names - Identical to Query, can be r
    laced if Query's gets changed
    $pattern = '/\\[(question|url|variable|calc|comment)\\(("(?:\\\\\\\\|"[^"]
    |\\d+)\\)\\)';
    $pattern .= '(?:\\\\s?,\\\\s?option\\(("(?:\\\\\\\\|"[^"]){0,}"|\\d{0,})\\)\\)
    )?';
    $pattern .= '(?:\\\\s?,\\\\s?question_pipe\\(' . '\"' . '(?:\\\\\\\\|"[^"]
    ' . '\\d{0,})' . '\\)\\)?)?';
    $pattern .= '(?:\\\\s?,\\\\s?page_pipe\\(("(?:\\\\\\\\|"[^"]){0,}"|\\d{0,})
    \\)\\)?)
    ;
    $pattern .= '(?:\\\\s?,\\\\s?(select))?';
    $pattern .= '(?:\\\\s?,\\\\s?(concat))?';
    $pattern .= '(?:\\\\s?,\\\\s?(any))?';
    $pattern .= '(?:\\\\s?,\\\\s?(all))?';
```

```

$pattern .= '(?:\\s?,\\s?(delimiter))?';
$pattern .= '(?:\\s?,\\s?(lines))?';
$pattern .= '\\\|/';
$match_count = preg_match_all($pattern, $fieldname, $matches);
if ($match_count == 0)
return false;
$type = addslashes(stripslashes($matches[1][0]));
$variable = is_numeric($matches[2][0]) ? intval($matches[2][0]) : stripashes(substr($matches[2][0], 1, -1));
$option = is_numeric($matches[3][0]) ? intval($matches[3][0]) : stripslashes(substr($matches[3][0], 1, -1));
$question_pipe = is_numeric($matches[4][0]) ? intval($matches[4][0]) : stripslashes(substr($matches[4][0], 1, -1));
$page_pipe = is_numeric($matches[5][0]) ? intval($matches[5][0]) : stripslashes(substr($matches[5][0], 1, -1));
$select = $matches[6][0] == "select" ? true : false;
$concat = $matches[7][0] == "concat" ? true : false;
$any = $matches[8][0] == "any" ? true : false;
$all = $matches[9][0] == "all" ? true : false;
$delimiter = $matches[10][0] == "delimiter" ? true : false;
$lines = $matches[11][0] == "lines" ? true : false;
// build the array for return
$field_return = array(
    "type" => $type,
    "id" => $variable,
    "optionid" => $option,
    "question_pipe" => $question_pipe,
    "page_pipe" => $page_pipe,
    "select" => $select,
    "concat" => $concat,
    "any" => $any,
    "all" => $all,
    "delimiter" => $delimiter,
    "lines" => $lines
);
return $field_return;
}

```