MediaWiki:Lékařská kalkulačka/Generator.js

Note: After publishing, you may have to bypass your browser's cache to see the changes.

- **Firefox / Safari:** Hold *Shift* while clicking *Reload*, or press either *Ctrl-F5* or *Ctrl-R* (*⌘-R* on a Mac)
- **Google Chrome:** Press *Ctrl-Shift-R* (*⌘-Shift-R* on a Mac)
- **Internet Explorer / Edge:** Hold *Ctrl* while clicking *Refresh*, or press *Ctrl-F5*
- **Opera:** Press *Ctrl-F5*.

```javascript
/**
 * ReplaceAll by Fagner Brack (MIT Licensed)
 * Replaces all occurrences of a substring in a string
 */
String.prototype.replaceAll = function(token, newToken, ignoreCase) {
    var str, i = -1, _token;
    if((str = this.toString()) && typeof token === "string") {
        _token = ignoreCase === true? token.toLowerCase() : undefined;
        while((i = (
            _token !== undefined?
                str.toLowerCase().indexOf(
                        _token,
                        i >= 0? i + newToken.length : 0
            ) : str.indexOf(
                        token,
                        i >= 0? i + newToken.length : 0
            )
        )) !== -1 ) {
            str = str.substring(0, i)
                    .concat(newToken)
                    .concat(str.substring(i + token.length));
        }
    }
return str;
};

/*************** Funkce ***************/
function lekarska_kalkulacka_Generator_createHtml( gObject ) {
  var html = "<div id='lekarska_kalkulacka_" + gObject.id + "' class='lekarska_kalkulacka'>\n\tTento prvek vyžaduje
JavaScript.\n\t<div style='display: none' id='lekarska_kalkulacka_" + gObject.id + "-content'>";

  html += "\n\t\t<paragraph>" + gObject.popis + "</paragraph>";

  $.each( gObject.otazky, function ( index, value ) {
    if (value.typ == 'radio') {
      var questionId = 'lekarska_kalkulacka_' + gObject.id + '-' + value.otazka.id;
      html += "\n\t\t<fieldset id='" + questionId + "'>";
      html += "\n\t\t\t<legend>" + value.otazka.text + "</legend>";

      for (var i = 0; i < value.otazka.pocet; i++) {
        html += "\n\n\t\t\t<input type='radio' name='" + value.otazka.nazev + "' id='" + questionId + i + "' value='" + i + "'";
        if (i == 0) {
          html += " checked='checked'";
        }
        html += " />";
        html += "\n\t\t\t<label for='" + questionId + i + "'>možnost" + i + "</label>";
      }

      html += "\n\t\t</fieldset>\n";
    } else if (value.typ == 'slider') {
      var questionId = 'lekarska_kalkulacka_' + gObject.id + '-' + value.otazka.id;
      html += "\n\t\t<fieldset id='" + questionId + "'>";
      html += "\n\t\t\t<legend>" + value.otazka.text + "</legend>";

      html += "\n\n\t\t\t<input type='range' id='" + questionId + "-range' value='" + value.otazka.min + "' min='" + value.otazka.min
+ "' max='" + value.otazka.max + "' />";
      html += "\n\n\t\t\t<input type='number' name='" + value.otazka.nazev + "' id='" + questionId + "-number' value='" +
value.otazka.min + "' min='" + value.otazka.min + "' max='" + value.otazka.max + "' step='" + value.otazka.step + "' /> jednotka\n";

      html += "\n\t\t</fieldset>\n";
    }
  });

  html += "\n\t\t<paragraph>Výsledek: <resValue id='lekarska_kalkulacka_" + gObject.id + "-vysledek'></resValue></paragraph>";
  html += "\n\t</div>";
  html += "\n</div>";
  html += "\n<noinclude>";
  html += "\n== Odkazy ==";
  html += "\n=== Reference ===";
  html += "\n<references />";
  html += "\n</noinclude>";
  html += "\n[[Kategorie:Lékařská kalkulačka]]";

  $( '#lekarska_kalkulacka_Generator-html' ).html( html );
};

function lekarska_kalkulacka_Generator_createJs( gObject ) {

  var js = "Vlož funkci replaceAll\n";
  js += "Převod do html podoby\n";
  js += "var content = $( '#lekarska_kalkulacka_" + gObject.id + "-content' ).text();\n";
  js += "$( '#lekarska_kalkulacka_" + gObject.id + "' ).html( content.replaceAll('paragraph', 'p' ).replaceAll( 'resValue', 'span'
).replaceAll('breakline', 'br' ).replaceAll('division', 'div').replaceAll('orderedlist', 'ol') );\n\n";

  js += "$( 'input' ).change( function() {\n";

  $.each( gObject.otazky, function ( index, value ) {
    if (value.typ == 'radio') {
      js += "  var " + value.otazka.nazev + " = parseInt($('input[name=" + value.otazka.nazev + "]:checked').val());\n";
```

```
 87          } else if (value.typ == 'slider') {
 88            var questionId = 'lekarska_kalkulacka_' + gObject.id + '-' + value.otazka.id
 89            js += "  var " + value.otazka.nazev + " = $( '#" + questionId + "-number').val();\n";
 90            //TODO PROVÁZANOST RANGE A NUMBER
 91          }
 92        });
 93
 94        js += "  var result = 'result';\n";
 95        js += " $( '#lekarska_kalkulacka_" + gObject.id + "-vysledek' ).html( result );\n";
 96
 97        js += "});\n";
 98
 99        $( '#lekarska_kalkulacka_Generator-js' ).html( js );
100    }
101
102    function lekarska_kalkulacka_Generator_format( i ) {
103      if ( i < 10 ) {
104        return '0' + i;
105      }
106      return i;
107    }
108
109    /**************** Vlastní provedení ****************/
110    var content = $( '#lekarska_kalkulacka_Generator-content' ).text();
111    $( '#lekarska_kalkulacka_Generator' ).html( content.replaceAll('breakline', 'br' ).replaceAll('division',
       'div').replaceAll('orderedlist', 'ol') );
112    $( '#lekarska_kalkulacka_Generator-content' ).html('');
113
114    $( '#lekarska_kalkulacka_Generator-parametry-slider').hide();
115
116    $( 'input[type=radio][name=Generator-typ]').change(function() {
117      $( '#lekarska_kalkulacka_Generator-parametry-radio').toggle();
118      $( '#lekarska_kalkulacka_Generator-parametry-slider').toggle();
119    });
120
121    var sliderNo = 0;
122    var radioNo = 0;
123    var generatorObject = { name: "jmeno", id: "id", popis: "popis", otazky: [] };
124
125    $( '#lekarska_kalkulacka_Generator-pridej' ).click( function() {
126      if ( $('input[name=Generator-typ]:checked').val() == 'radio' ) {
127        var radioOtazka = $( '#lekarska_kalkulacka_Generator-radio-otazka' ).val();
128        var radioNazev = $( '#lekarska_kalkulacka_Generator-radio-nazev-promenne' ).val();
129        var radioId = $( '#lekarska_kalkulacka_Generator-radio-id-promenne' ).val();
130        var radioPocetMoznosti = $( '#lekarska_kalkulacka_Generator-radio-pocet-moznosti' ).val();
131        generatorObject.otazky.push({
132          typ: 'radio',
133          otazka: { text: radioOtazka, nazev: radioNazev, id: radioId, pocet: radioPocetMoznosti }
134        });
135        radioNo++;
136        var no = lekarska_kalkulacka_Generator_format( radioNo );
137        $( '#lekarska_kalkulacka_Generator-radio-otazka' ).val( 'otazka' + no);
138        $( '#lekarska_kalkulacka_Generator-radio-nazev-promenne' ).val('nazev-promenne' + no);
139        $( '#lekarska_kalkulacka_Generator-radio-id-promenne' ).val('id-promenne' + no);
140      } else if ( $('input[name=Generator-typ]:checked').val() == 'slider' ) {
141        var sliderOtazka = $( '#lekarska_kalkulacka_Generator-slider-otazka' ).val();
142        var sliderNazev = $( '#lekarska_kalkulacka_Generator-slider-nazev-promenne' ).val();
143        var sliderId = $( '#lekarska_kalkulacka_Generator-slider-id-promenne' ).val();
144        var sliderMin = $( '#lekarska_kalkulacka_Generator-slider-min' ).val();
145        var sliderMax = $( '#lekarska_kalkulacka_Generator-slider-max' ).val();
146        var sliderStep = $( '#lekarska_kalkulacka_Generator-slider-step' ).val();
147        generatorObject.otazky.push({
148          typ: 'slider',
149          otazka: { text: sliderOtazka, nazev: sliderNazev, id: sliderId, min: sliderMin, max: sliderMax, step: sliderStep }
150        });
151        sliderNo++;
152        var no = lekarska_kalkulacka_Generator_format( sliderNo );
153        $( '#lekarska_kalkulacka_Generator-slider-otazka' ).val('otazka'+no);
154        $( '#lekarska_kalkulacka_Generator-slider-nazev-promenne' ).val('nazev-promenne'+no);
155        $( '#lekarska_kalkulacka_Generator-slider-id-promenne' ).val('id-promenne'+no);
156      }
157      var ol = '';
158      $.each( generatorObject.otazky, function ( index, value ) {
159        if (value.typ == 'radio') {
160          ol += '<li>radio|' + value.otazka.text + '|' + value.otazka.nazev + '|' + value.otazka.id + '|' + value.otazka.pocet + '</li>';
161        } else if (value.typ == 'slider') {
162          ol += '<li>slider|' + value.otazka.text + '|' + value.otazka.nazev + '|' + value.otazka.id + '|' + value.otazka.min + '|' +
       value.otazka.max + '|' + value.otazka.step + '</li>';
163        }
164      });
165      $( '#lekarska_kalkulacka_Generator-fieldsets' ).html( ol ) ;
166    });
167
168    $( '#lekarska_kalkulacka_Generator-vytvor' ).click( function() {
169      generatorObject.id = $( '#lekarska_kalkulacka_Generator-id' ).val();
170      generatorObject.id = generatorObject.id.charAt(0).toUpperCase() + generatorObject.id.slice(1); //první písmeno velké (kompatibilita
       s názvem stránek ve WS)
171
172      generatorObject.name = $( '#lekarska_kalkulacka_Generator-nazev' ).val();
173      generatorObject.popis = $( '#lekarska_kalkulacka_Generator-popis' ).val();
174      lekarska_kalkulacka_Generator_createHtml( generatorObject );
175      lekarska_kalkulacka_Generator_createJs( generatorObject );
176    });
177
178    lekarska_kalkulacka_Generator_createHtml( generatorObject );
179    lekarska_kalkulacka_Generator_createJs( generatorObject );
```