



SEDNOVE

Sncode/Extenso

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2020-07-17

Cours #7

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- What we have seen in course 6
 - Create a table with a program
 - Create a table with Extenso
 - Insert data in the tables
 - More on widgets

Widget : form

- We will build a form to save data in a table
- We use form from bootstrap:
<https://getbootstrap.com/docs/4.0/components/forms/>
- We will build a form with the following fields:
 - email, password, checkbox
- We will use the sncode command cgidata to get the form data
- We will use the sncode command insert to save the data in a table
- We will display the content of the table

Exercice

- Create a table call my_first_form to save the form
 - email varchar(255)
 - password varchar(255)
 - checkbox enum(yes,no)

Widget : build a form to save data

```
<form method="POST" action="?">
  <div class="form-group">
    <label for="email">Email address</label>
    <input type="email" class="form-control" name="email" aria-describedby="emailHelp" placeholder="Enter email">
    <small id="emailHelp" class="form-text text-muted">We'll never share your email with anyone else.</small>
  </div>
  <div class="form-group">
    <label for="password">Password</label>
    <input type="password" class="form-control" name="password" placeholder="Password">
  </div>
  <div class="form-check">
    <input type="checkbox" class="form-check-input" name="checkbox" value="yes">
    <label class="form-check-label" for="checkbox">Check me out</label>
  </div>
  <button type="submit" class="btn btn-primary">Submit</button>
</form>
```

Sncode : cgidata

- cgidata read the data from the form and return it in json

```
\{\{  
    cgidata = cgidata();  
    "cgidata="; cgidata;  
}\}
```

which will return

```
{"email":"laplante@sednove.ca","password":"helloWorld"}
```

Sncode : insert

- Function insert will be used to save data from cgidata using

```
\{\{  
cgidata = cgidata();  
if cgidata.email ne "" then  
    insert(table:"my_first_form",snc:true,fields:cgidata);  
endif  
  
res = sql("select * from my_first_form");  
res;  
  
\}\}
```

Widget : Display information in the table

- We use bootstrap table:
 - <https://getbootstrap.com/docs/4.0/content/tables/>
- We use a Sncode sql to get all the informations from the table:

```
\{\{  
    res = sql("select * from my_first_form");  
    res;  
}\}
```

- We use a for loop to display the information
 - \{\{ for row in res.rows do \}\}
 - \{\{ endfor \}\}

Widget : display data

```
<h2>Data</h2>
\{\{ res = sql("select * from my_first_form"); \}\}
<div id="table">
  <table class="table">
    <thead>
      <tr>
        <th scope="col">Email</th>
        <th scope="col">Password</th>
        <th scope="col">checkbox</th>
      </tr>
    </thead>
```

```
<tbody>
  \{\{ for row in res.rows do \}\}
  <tr>
    <td>\{\{ row.email \}\}</td>
    <td>\{\{ row.password \}\}</td>
    <td>\{\{ row.checkbox \}\}</td>
  </tr>
  \{\{ endfor \}\}
</tbody>
</table>
</div>
```

Exercice : try to reproduce this widget