LOADING

Usrećite svoje korisnike dok čekaju [698619]

Daniel Huha

BI
LOG

hroug '24
godišnja konferencija

Sadržaj

O BiLogu

O meni

Nitko ne voli čekati

Ulančano izvršavanje procesa

HTML Expressions

Template Components

Pitanja

BILOG
SENSIBLE SOFTWARE ARCHITECTURE

♥ APEX

Konzalting i razvoj poslovnih rješenja

Migracije Forms > APEX, APEX edukacije, custom razvoj

Naša APEX rješenja:

Akira - HR software

Product Studio - Upravljanje portfeljem i životnim ciklusom proizvoda

Phoenitian - Sveobuhvatno upravljanje osiguratelјnim poslovnim procesima

www.bilog.hr

Ranije sysadmin, pa nastavnik

2011. počinjem raditi kao Oracle programer u BiLog d.o.o., fokus na APEX-u

Konzultant, programer, edukator

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@thehuha

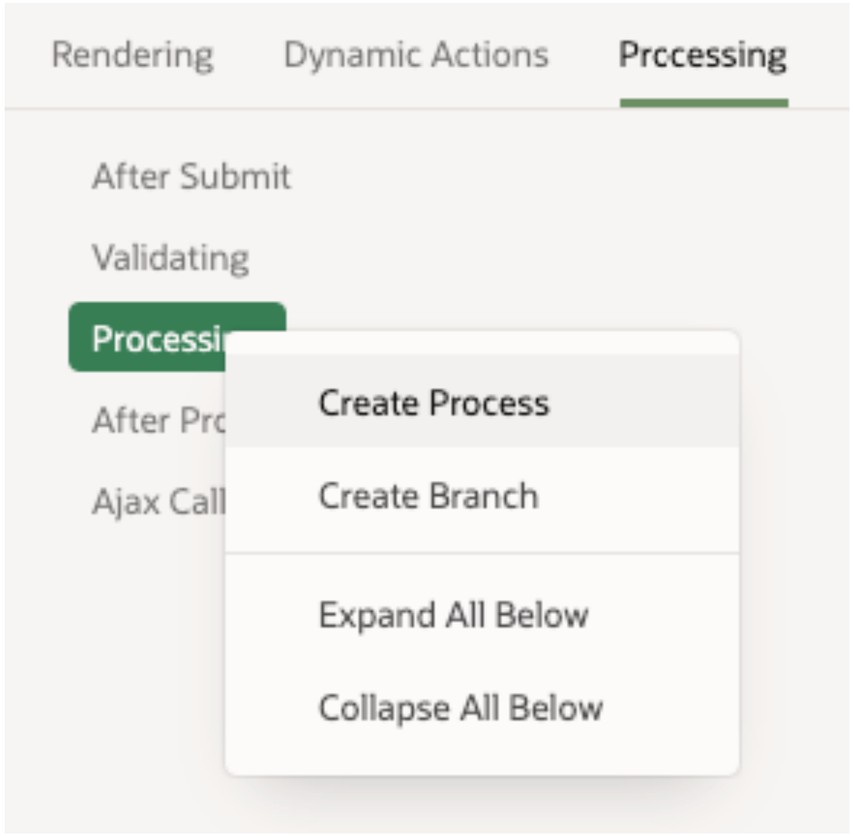
github.com/thehuha

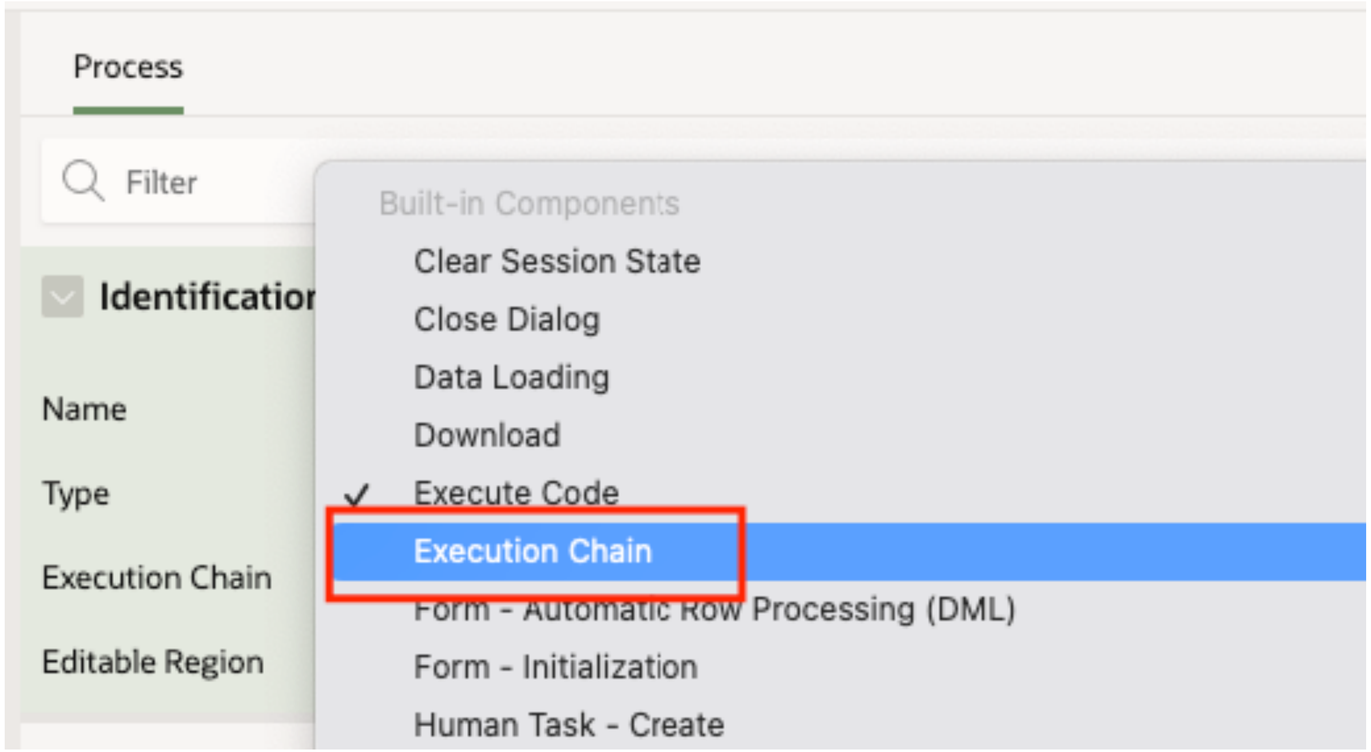
Nitko ne voli čekati

Dugotrajan proces = neresponzivna APEX stranica = loše iskustvo korištenja

Ulančano izvršavanje procesa

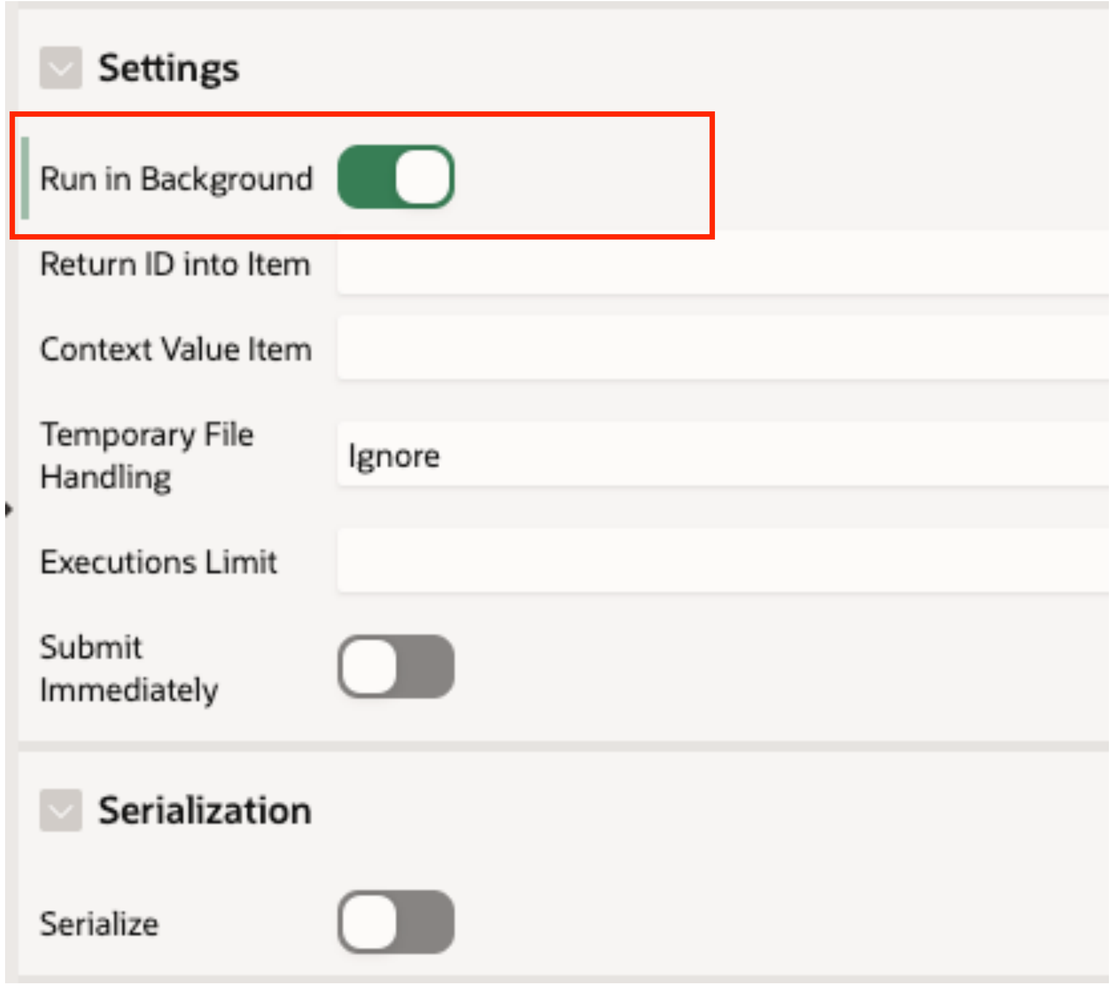
Process Type: Execution Chain





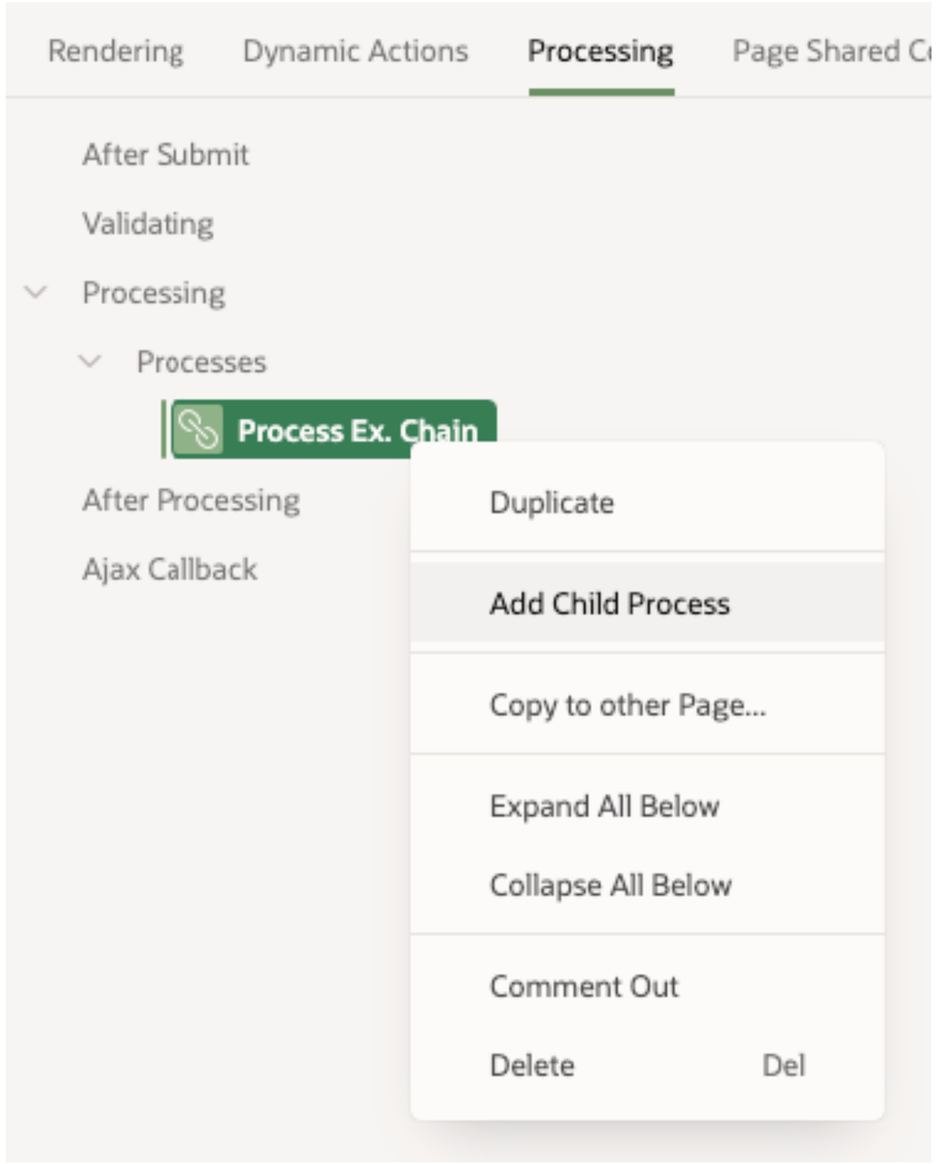
Ulančano izvršavanje procesa

Run in Background!



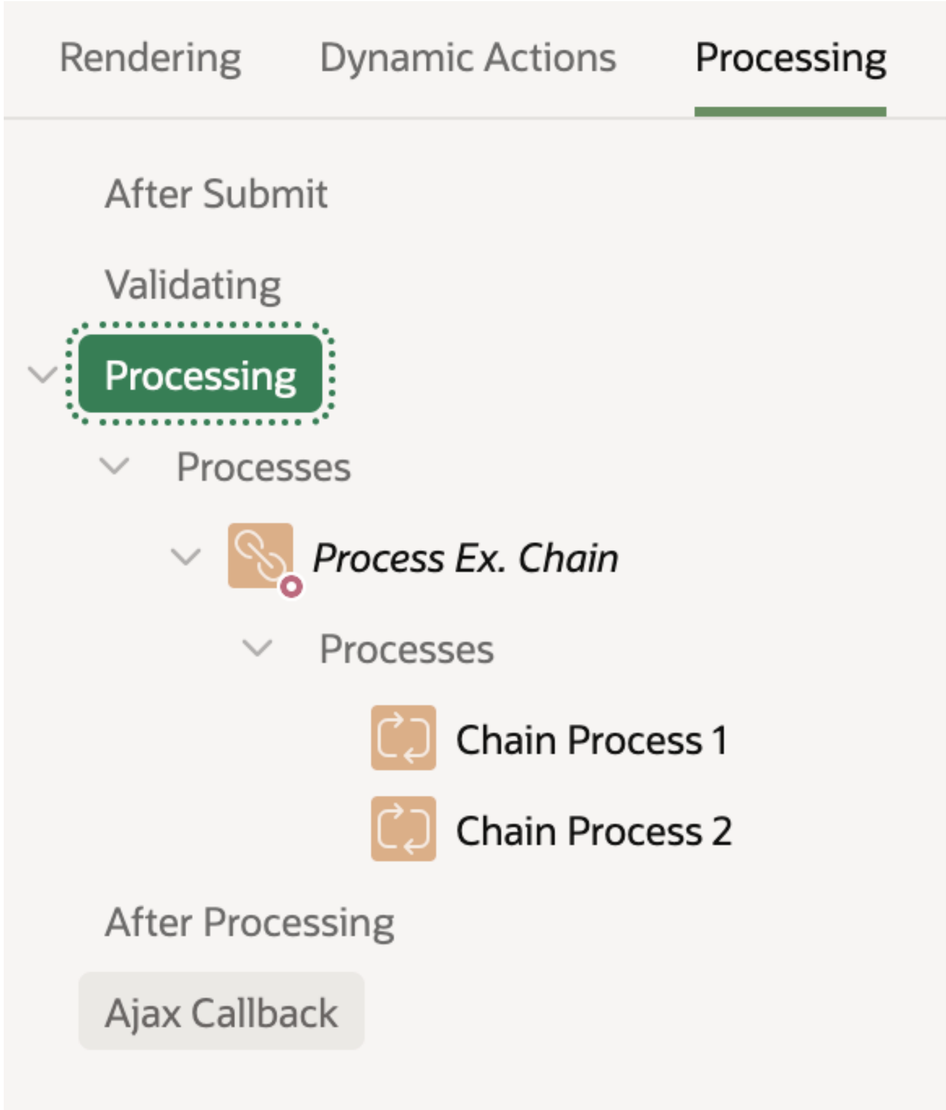
Ulančano izvršavanje procesa

Container za jedan
ili više procesa



Ulančano izvršavanje procesa

Container za jedan
ili više procesa



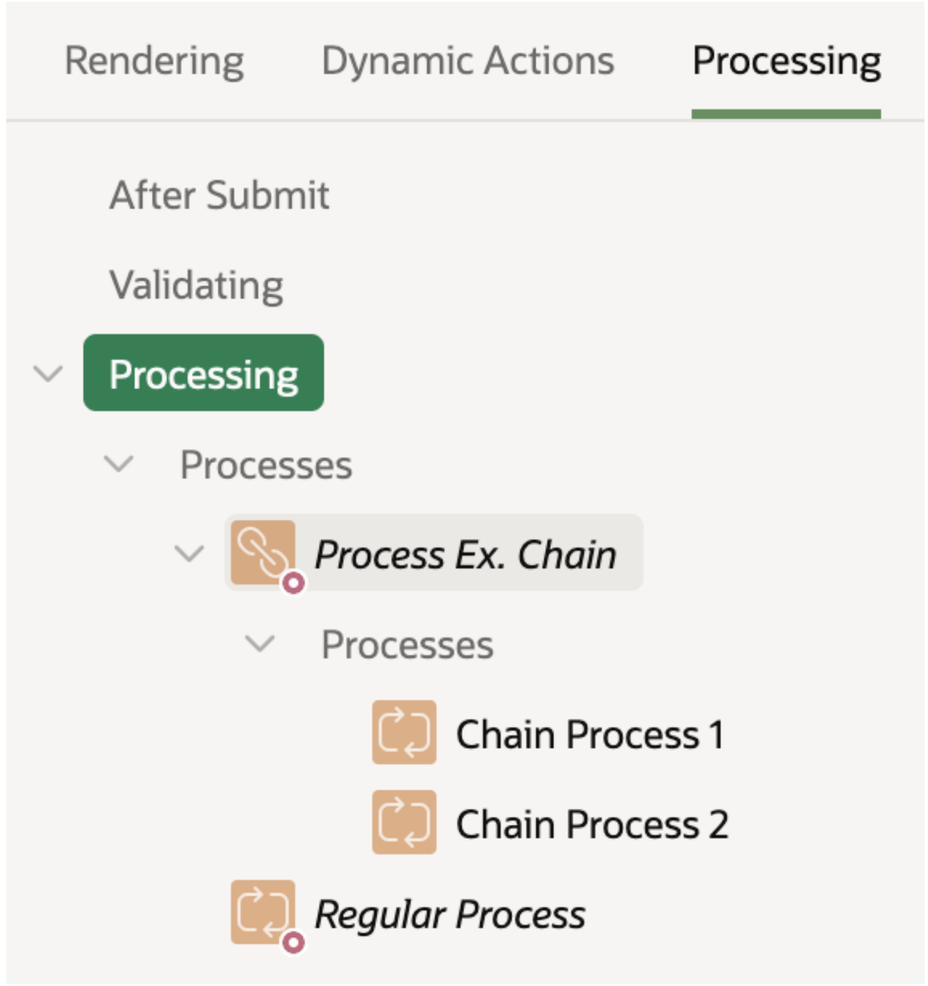
Ulančano izvršavanje procesa

Demo kod:

```
dbms_session.sleep(10);
```

Demo 1

Execution Chain vs. Regular processing



Ulančano izvršavanje procesa

API paket:

APEX_BACKGROUND_PROCESS

View:

APEX_APPL_PAGE_BG_PROC_STATUS

Ulančano izvršavanje procesa

Kako pratiti izvršavanje?

```
select EXECUTION_ID,
       STATUS,
       STATUS_CODE,
       STATUS_MESSAGE,
       nvl(SOFAR, 0) sofar,
       nvl(TOTALWORK, 0) totalwork,
       nvl((sofar / totalwork * 100), 0) prog_pct,
       null as progress
  from APEX_APPL_PAGE_BG_PROC_STATUS
```

Ulančano izvršavanje procesa

Tabularni podaci - OK, ali može i bolje

Grafički prikaz - Bogatiji i korisniku uočljiviji sadržaj

HTML Expression

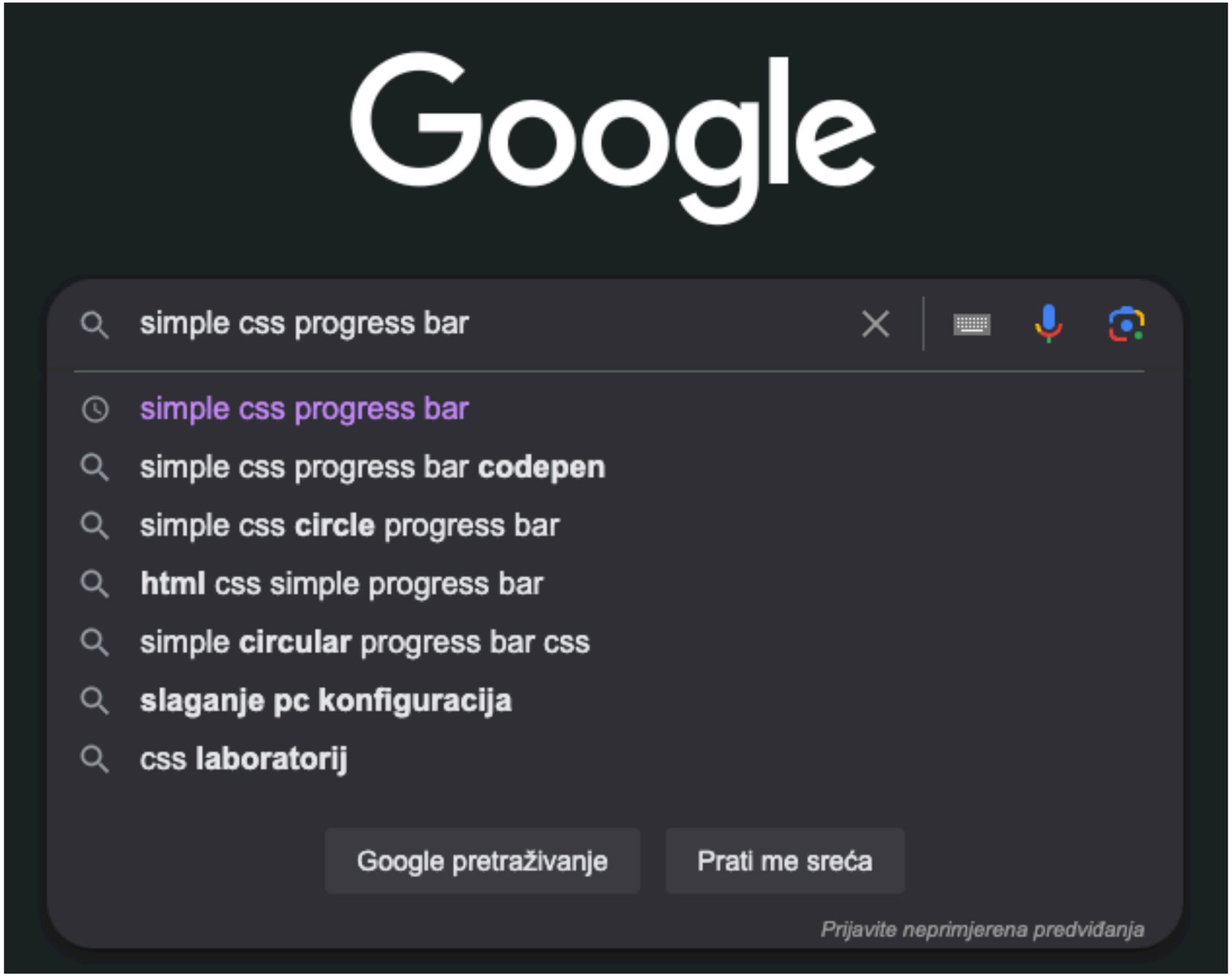
HTML formatiranje na razini kolone reporta

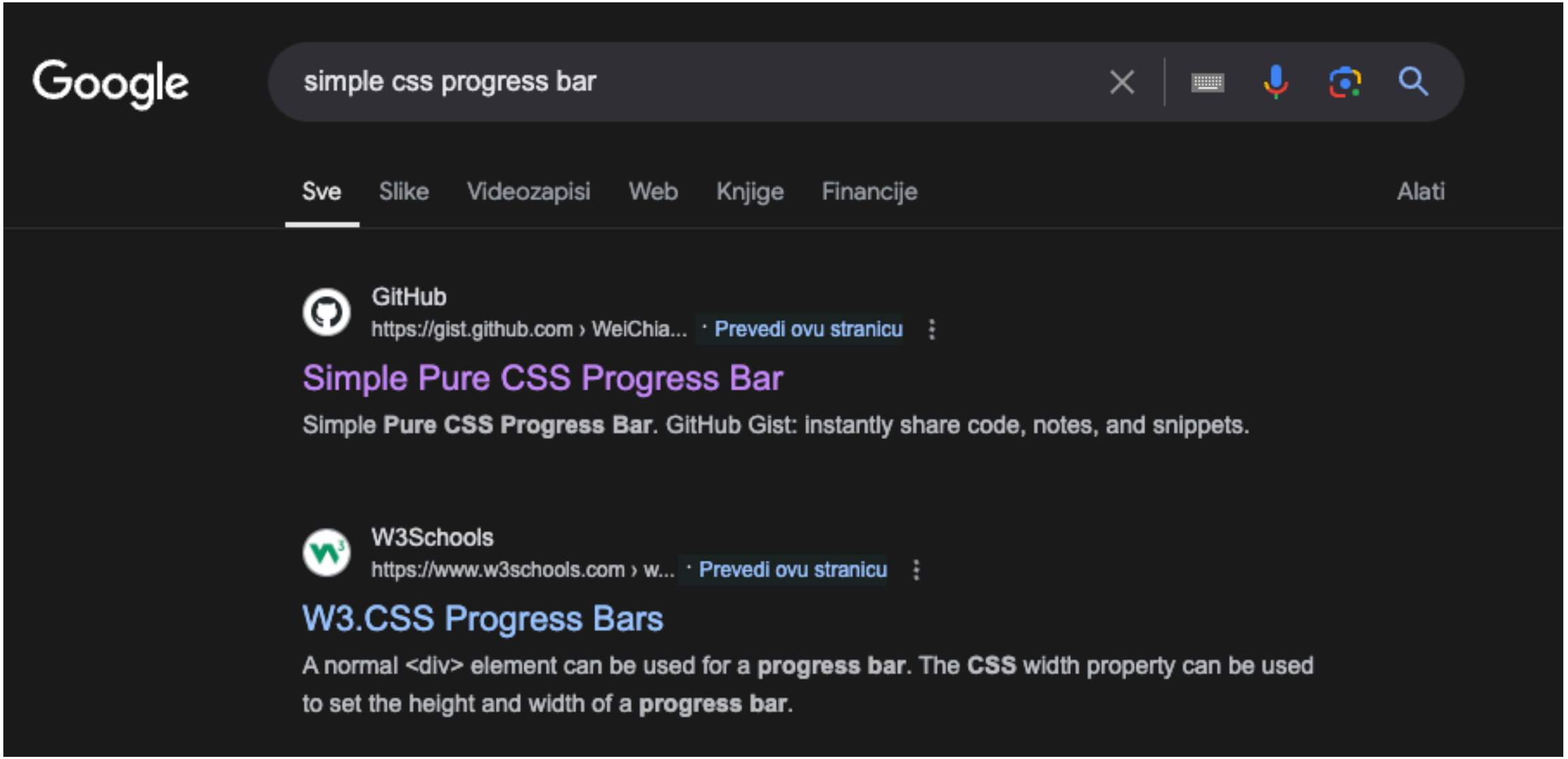
Supstitucija sadržaja koristeći #NAZIV_KOLONE#

Demo 2

HTML Expression za dodavanje jednostavnog Progress Bar-a

```
apex_background_process.set_progress(
  p_totalwork => 10,
  p_sofar => 0
);
apex_background_process.set_status('Processing started');

for i in 1 .. 10 loop
  apex_background_process.set_progress(
    p_totalwork => 10,
    p_sofar => i
  );
  apex_background_process.set_status('Currently processing chunk '||i);
  dbms_session.sleep(4);
end loop;
```


Google
simple css progress bar
simple css progress bar
simple css progress bar codepen
simple css circle progress bar
html css simple progress bar
simple circular progress bar css
slaganje pc konfiguracija
css laboratorij
Google pretraživanje
Prati me sreća
Prijavite neprimjerena predviđanja

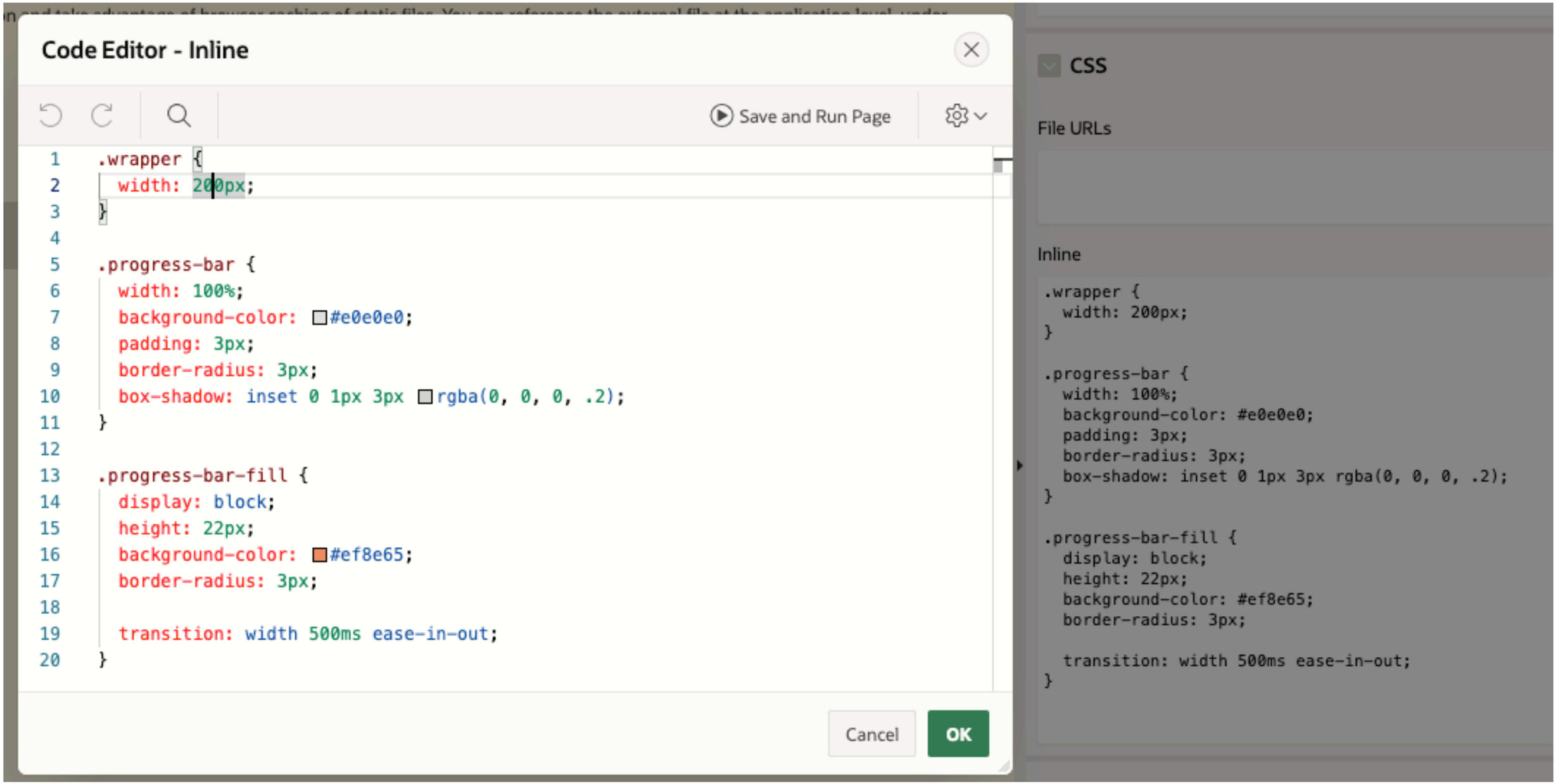

Google
simple css progress bar
Sve
Slike
Videozapisi
Web
Knjige
Financije
Alati
GitHub
https://gist.github.com › WeiChia... · Prevedi ovu stranicu
Simple Pure CSS Progress Bar
Simple Pure CSS Progress Bar. GitHub Gist: instantly share code, notes, and snippets.
W3Schools
https://www.w3schools.com › w... · Prevedi ovu stranicu
W3.CSS Progress Bars
A normal element can be used for a progress bar. The CSS width property can be used to set the height and width of a progress bar.

Simple Pure CSS Progress Bar

progress.html

Raw

```
<!DOCTYPE html>
<html lang="pt-BR">
	<head>
		<meta chatset="UTF-8" />
		<title>CSS Progress Bar</title>

		<style>
			.wrapper {
				width: 500px;
			}

			.progress-bar {
				width: 100%;
				background-color: #e0e0e0;
				padding: 3px;
				border-radius: 3px;
				box-shadow: inset 0 1px 3px rgba(0, 0, 0, .2);
			}

			.progress-bar-fill {
				display: block;
				height: 22px;
				background-color: #659cef;
				border-radius: 3px;

				transition: width 500ms ease-in-out;
			}
		</style>

	</head>
	<body>
		<div class="wrapper">
			<div class="progress-bar">
				<span class="progress-bar-fill" style="width: 70%;"></span>
			</div>
		</div>
	</body>
</html>
```


Code Editor - Inline
Save and Run Page
1 .wrapper {
2 width: 200px;
3 }
4
5 .progress-bar {
6 width: 100%;
7 background-color: #e0e0e0;
8 padding: 3px;
9 border-radius: 3px;
10 box-shadow: inset 0 1px 3px rgba(0, 0, 0, .2);
11 }
12
13 .progress-bar-fill {
14 display: block;
15 height: 22px;
16 background-color: #ef8e65;
17 border-radius: 3px;
18
19 transition: width 500ms ease-in-out;
20 }
Cancel
OK
CSS
File URLs
Inline
.wrapper {
width: 200px;
}
.progress-bar {
width: 100%;
background-color: #e0e0e0;
padding: 3px;
border-radius: 3px;
box-shadow: inset 0 1px 3px rgba(0, 0, 0, .2);
}
.progress-bar-fill {
display: block;
height: 22px;
background-color: #ef8e65;
border-radius: 3px;
transition: width 500ms ease-in-out;
}

Simple Pure CSS Progress Bar

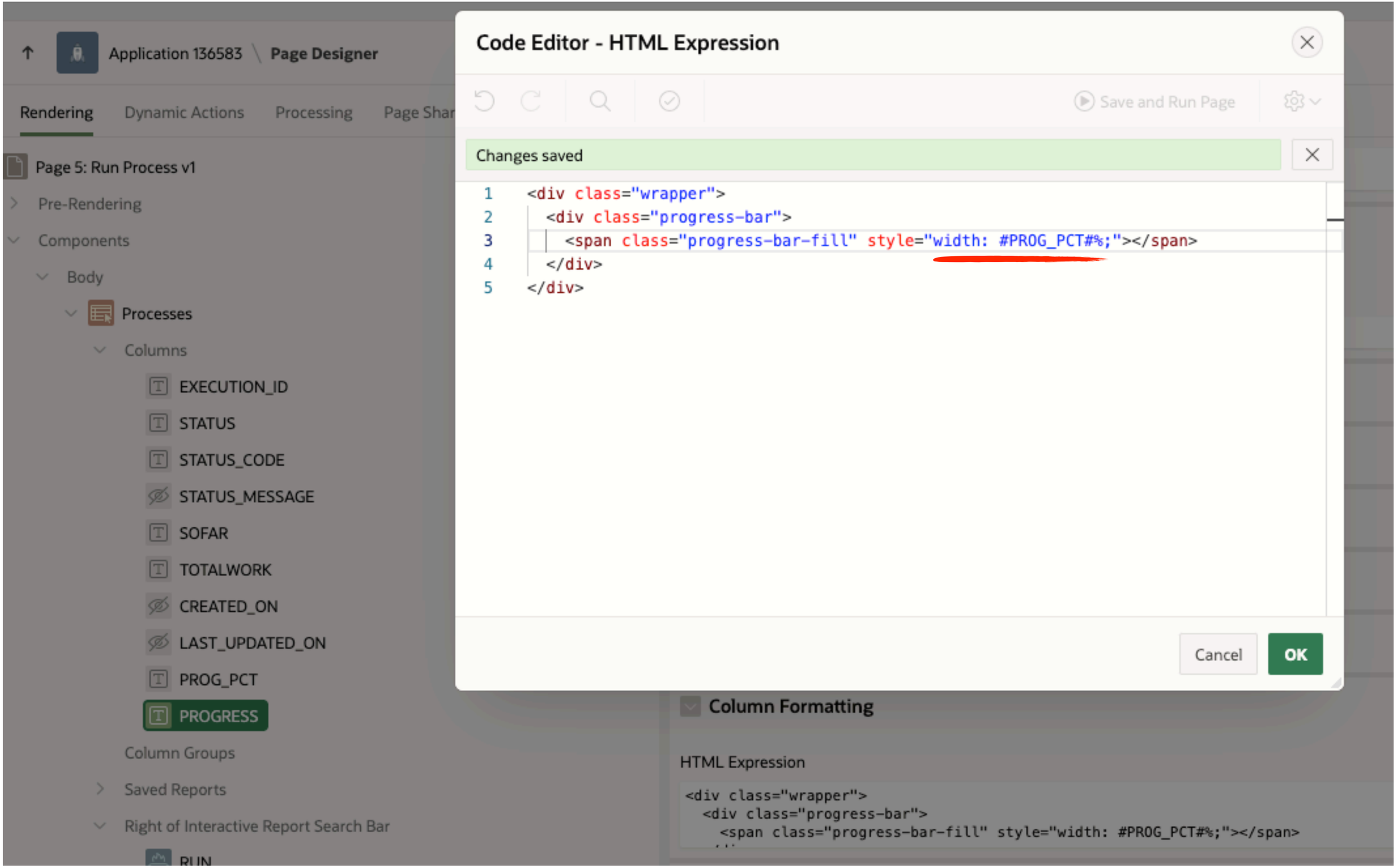
progress.html

Raw

```
1  <!DOCTYPE html>
2  <html lang="pt-BR">
3          <head>
4                  <meta chatset="UTF-8" />
5                  <title>CSS Progress Bar</title>
6
7                  <style>
8                          .wrapper {
9                                  width: 500px;
10                         }
11
12                         .progress-bar {
13                                 width: 100%;
14                                 background-color: #e0e0e0;
15                                 padding: 3px;
16                                 border-radius: 3px;
17                                 box-shadow: inset 0 1px 3px rgba(0, 0, 0, .2);
18                         }
19
20                         .progress-bar-fill {
21                                 display: block;
22                                 height: 22px;
23                                 background-color: #659cef;
24                                 border-radius: 3px;
25
26                                 transition: width 500ms ease-in-out;
27                         }
28                 </style>
29
30         </head>
31         <body>
32                 <div class="wrapper">
33                         <div class="progress-bar">
34                                 <span class="progress-bar-fill" style="width: 70%;"></span>
35                         </div>
36                 </div>
37         </body>
38 </html>
```

hroug 24 godišnja konferencija

BI LOG


Application 136583
Page Designer
Rendering
Dynamic Actions
Processing
Page Shar
Page 5: Run Process v1
Pre-Rendering
Components
Body
Processes
Columns
EXECUTION_ID
STATUS
STATUS_CODE
STATUS_MESSAGE
SOFAR
TOTALWORK
CREATED_ON
LAST_UPDATED_ON
PROG_PCT
PROGRESS
Column Groups
Saved Reports
Right of Interactive Report Search Bar
RUN
Code Editor - HTML Expression
Save and Run Page
Changes saved
1
2
3
4
5
Cancel
OK
Column Formatting
HTML Expression

Demo 2

HTML Expression

OK, ali nije baš "reusable"

Kako tome doskočiti? - Template Components

Template Components

Plug-in "Light"

Definiraj jednom, koristi mnogo puta

Naglasak na deklarativnom korištenju APEX funkcionalnosti

Demo 3

Reusable Progress Bar

Other Components

Lists of Values

Plug-ins

Component Settings

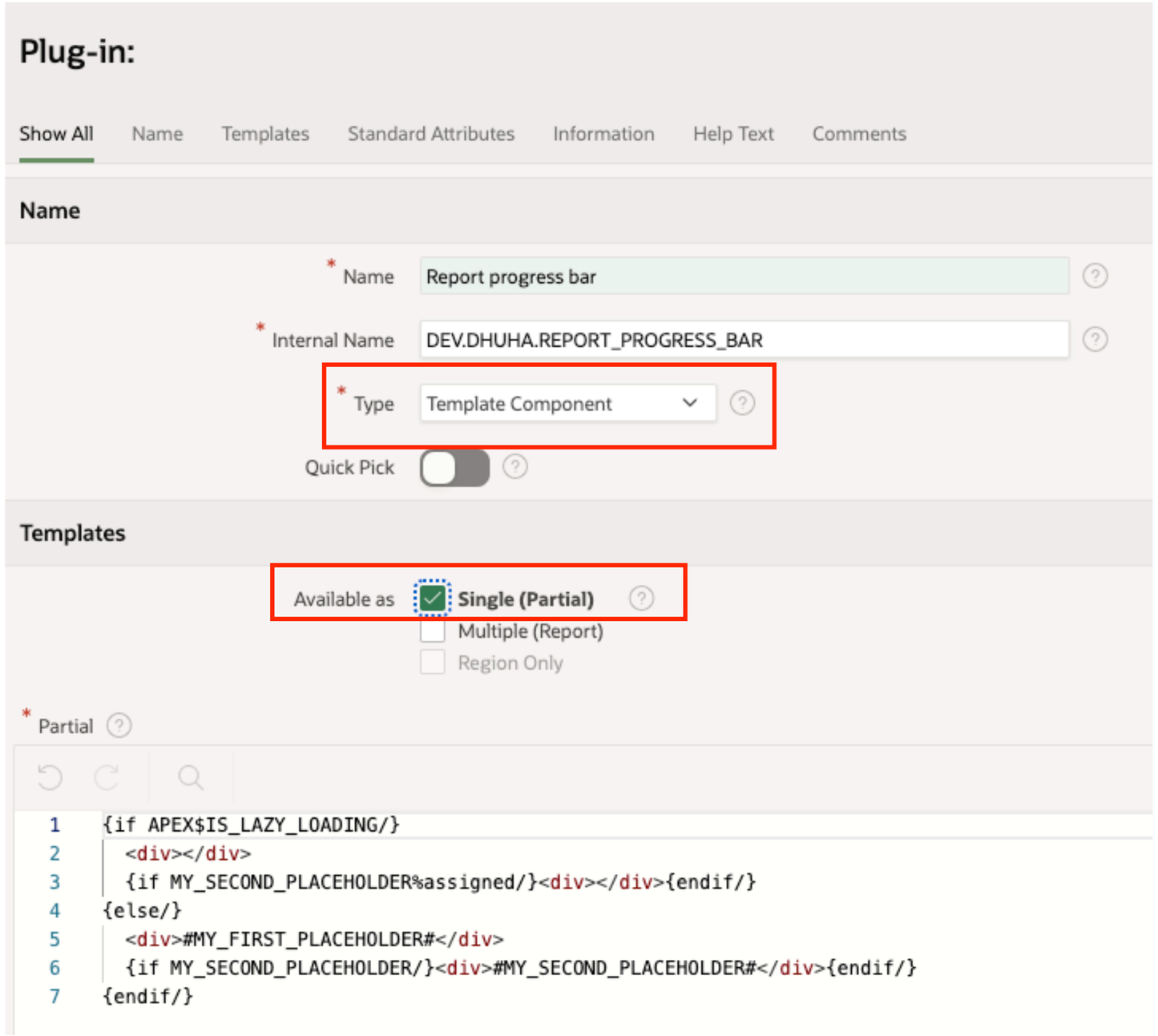
Shortcuts

Map Backgrounds

Component Groups

Create

> Type: Template Component



HTML Template:

Partial

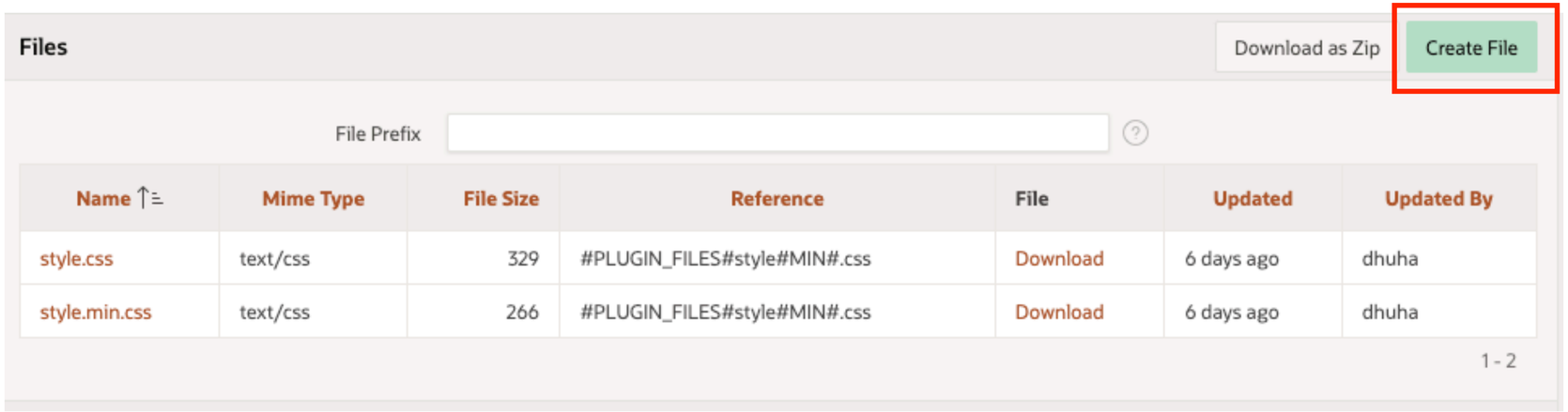
```
1   {if APEX$IS_LAZY_LOADING/}
2     <div></div>
3     {if MY_SECOND_PLACEHOLDER%assigned/}<div></div>{endif/}
4   {else/}
5   <div class="wrapper">
6         <div class="progress-bar">
7           <span class="progress-bar-fill" style="width: #PROG_PCT#%;"></span>
8         </div>
9       </div>
10  {endif/}
```

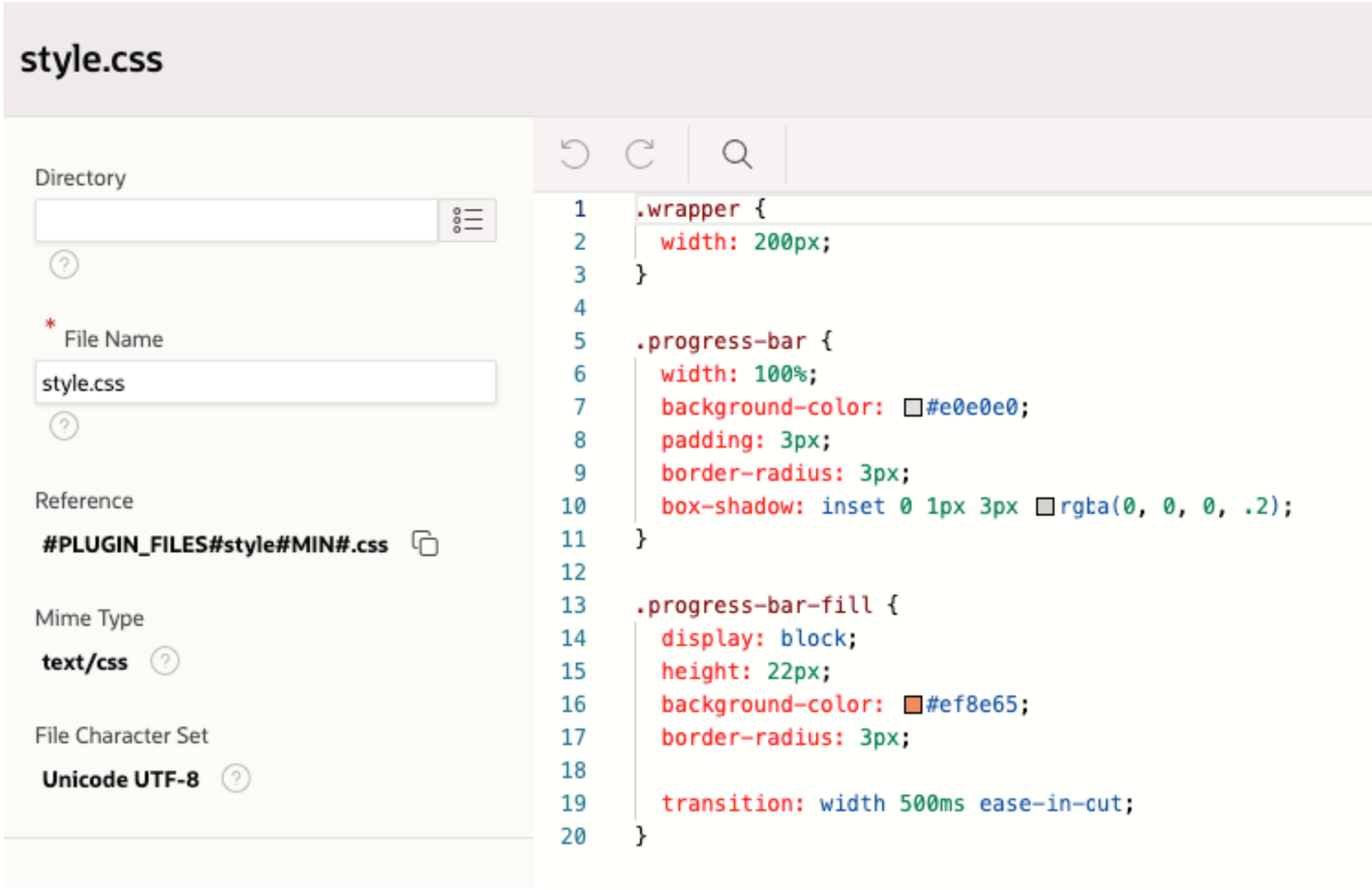
Custom Attributes

Synchronize from Templates | Add Attribute

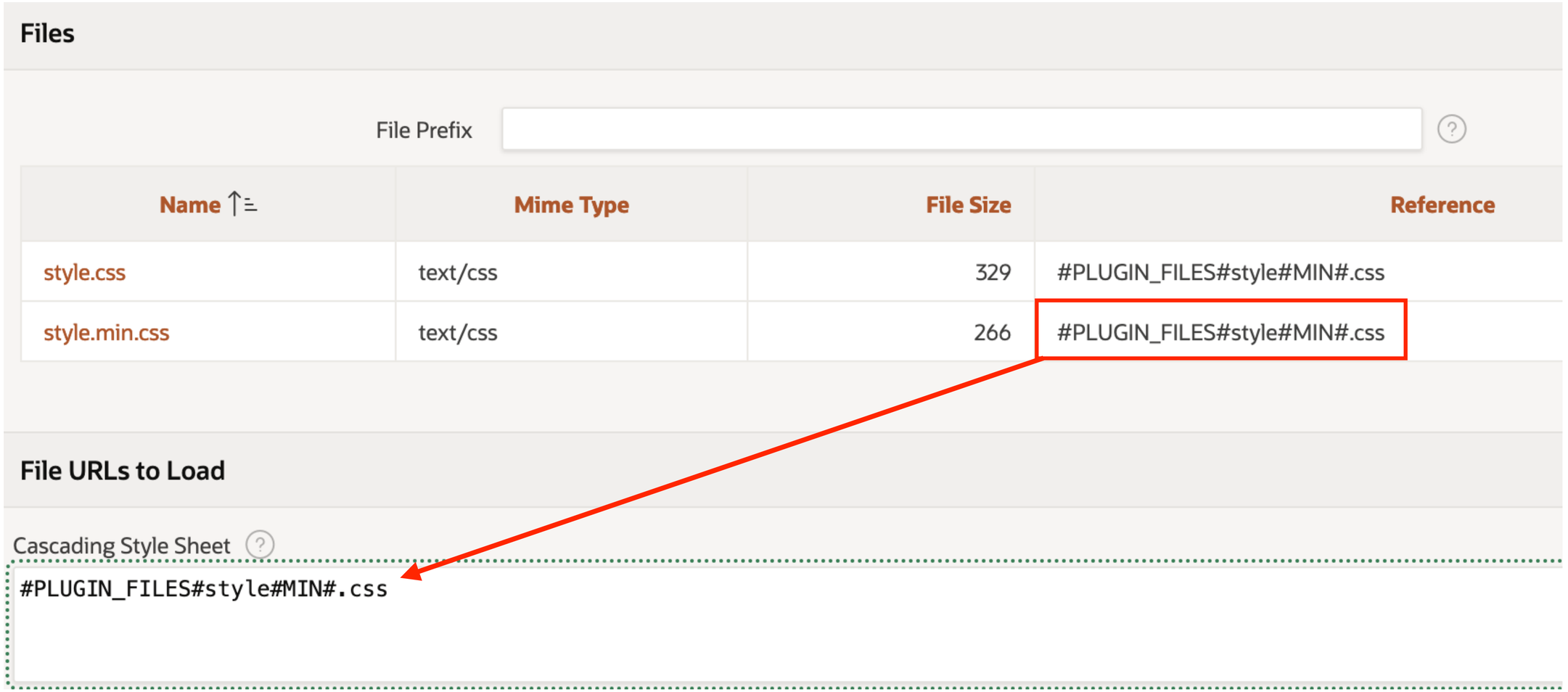
Label	Static ID	Scope	Attribute Group	Sequence	Attribute	Type	Required	Default Value	Depending on
Progress Pct.	PROG_PCT	Component		10	1	Session State Value	No		

CSS:

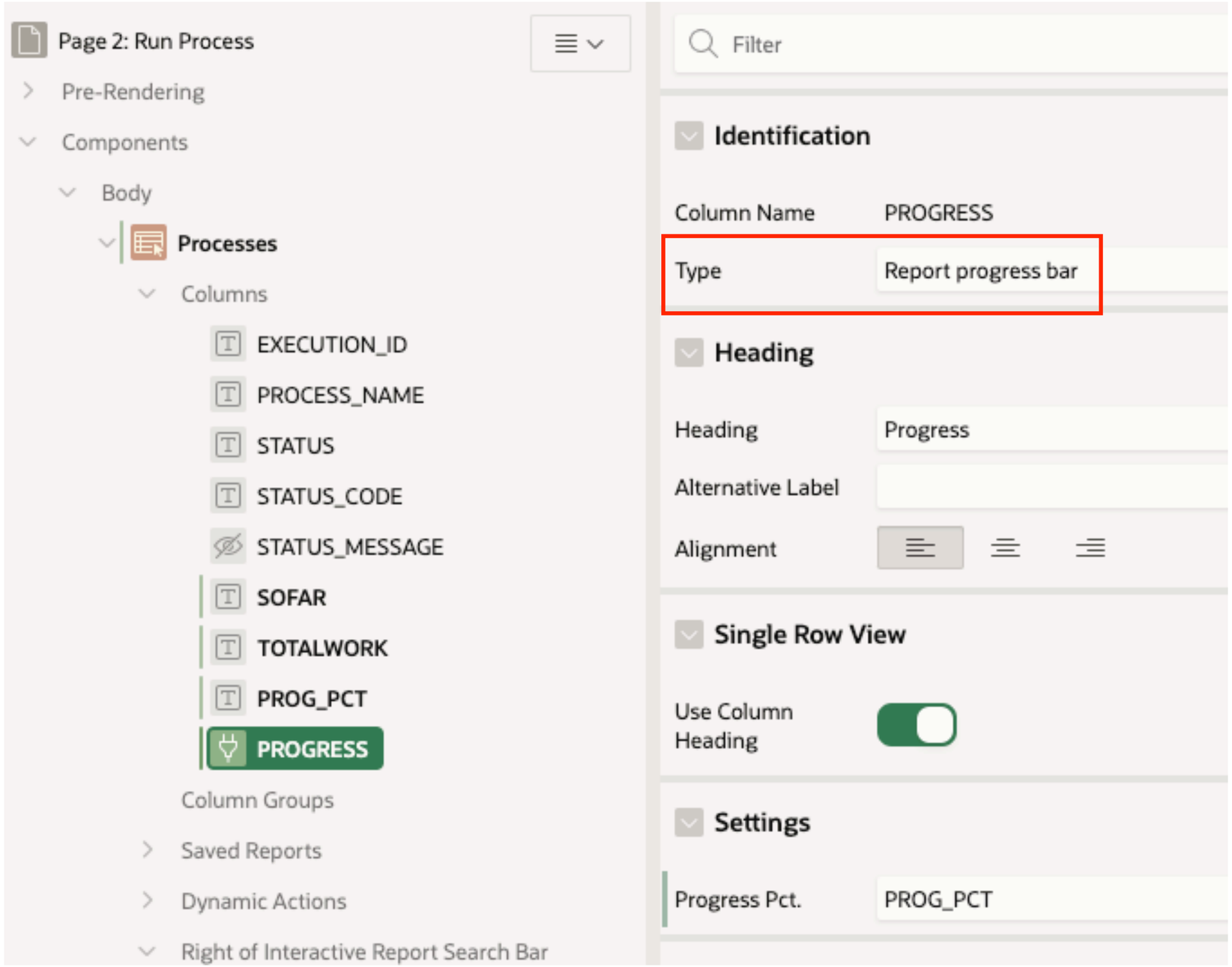

Files
Download as Zip
Create File
File Prefix
Name
Mime Type
File Size
Reference
File
Updated
Updated By
style.css
text/css
329
#PLUGIN_FILES#style#MIN#.css
Download
6 days ago
dhuha
style.min.css
text/css
266
#PLUGIN_FILES#style#MIN#.css
Download
6 days ago
dhuha
1 - 2


style.css
Directory
File Name
style.css
Reference
#PLUGIN_FILES#style#MIN#.css
Mime Type
text/css
File Character Set
Unicode UTF-8
.wrapper {
width: 200px;
}
.progress-bar {
width: 100%;
background-color: #e0e0e0;
padding: 3px;
border-radius: 3px;
box-shadow: inset 0 1px 3px rgba(0, 0, 0, .2);
}
.progress-bar-fill {
display: block;
height: 22px;
background-color: #ef8e65;
border-radius: 3px;
transition: width 500ms ease-in-out;
}

CSS referenca:



IR kolona:


Page 2: Run Process
Pre-Rendering
Components
Body
Processes
Columns
EXECUTION_ID
PROCESS_NAME
STATUS
STATUS_CODE
STATUS_MESSAGE
SOFAR
TOTALWORK
PROG_PCT
PROGRESS
Column Groups
Saved Reports
Dynamic Actions
Right of Interactive Report Search Bar
Filter
Identification
Column Name
PROGRESS
Type
Report progress bar
Heading
Heading
Progress
Alternative Label
Alignment
Single Row View
Use Column Heading
Settings
Progress Pct.
PROG_PCT

Demo 3

Reusable Progress Bar u akciji

Bonus Demo - Automatski refresh

Region Static ID:

```
rgnProcess
```

JS:

```
//set
var gRepInterval =
  setInterval(function () {
    apex.region("rgnProcess").refresh();
  }, 4000);

//clear
clearInterval(gRepInterval);
```

Download

https://github.com/thehuha/hroug-2024

Demo

https://apex.oracle.com/pls/apex/r/dhdevapx/hroug-2024

user: demo
password: demodemo

Pitanja

Hvala Vam na pažnji!