

**САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ
ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО**

Дисциплина: Фронт-энд разработка

Отчет

Практическая работа

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Задача

Задание: вынести все используемые ранее SVG-иконки в общий SVG-спрайт.

Ход работы

```
main.html x sprites.svg x main.css x
105 <!-- блок с разновидностями -->
106 <div class="container-fluid padding">
107   <div class="row text-center padding cards">
108     <div class="col-xs-12 col-sm-6 col-md-4">
109       <svg>
110         <use xlink:href="img/sprites.svg#ambystoma_mexicanum">
111       </use>
112     </svg>
113     <h3>ambystoma mexicanum</h3>
114     <p...>
118   </div>
119   <div class="col-xs-12 col-sm-6 col-md-4">
120     <svg>
121       <use xlink:href="img/sprites.svg#ambystoma_tigrinum">
122     </use>
123   </svg>
124   <h3>ambystoma tigrinum</h3>
125   <p...>
129 </div>
130 <div class="col-xs-12 col-sm-6 col-md-4">
131   <svg>
132     <use xlink:href="img/sprites.svg#ambystoma_andersoni">
133   </use>
134 </svg>
135 <h3>ambystoma andersoni</h3>
136 <p...>
140 </div>
141 </div>
142 <hr class="my-4">
143 </div>
```


html > head > link

```
main.html x sprites.svg x main.css x
1 <link rel="stylesheet" href="css/main.css">
2 <body>
3 <svg id="ambystoma_andersoni" xmlns="http://www.w3.org/2000/svg" x="100px" y="30px"
4   width="100" height="100"
5   viewBox="0 0 172 172"
6   style=" fill:#000000;">
7   <g fill="none" fill-rule="nonzero" stroke="none" stroke-width="1" stroke-linecap="butt" stroke-linejoin="
70 </svg>
71
72 <svg id="ambystoma_mexicanum" xmlns="http://www.w3.org/2000/svg" x="100px" y="30px"
73   width="100" height="100"
74   viewBox="0 0 172 172"
75   style=" fill:#000000;">
76   <g fill="none" fill-rule="nonzero" stroke="none" stroke-width="1" stroke-linecap="butt" stroke-linejoin="
139 </svg>
140
141 <svg id="ambystoma_tigrinum" xmlns="http://www.w3.org/2000/svg" x="100px" y="30px"
142   width="100" height="100"
143   viewBox="0 0 172 172"
144   style=" fill:#000000;">
145   <g fill="none" fill-rule="nonzero" stroke="none" stroke-width="1" stroke-linecap="butt" stroke-linejoin="
208 </svg>
209
210 </body>
```

hierarchy of gene function during regeneration.


AMBYSTOMA

Axolotls are unusual among amphibians in that they reach adulthood without undergoing metamorphosis.




ambystoma mexicanum

Axolotls have four pigmentation genes; when mutated they create different color variants. The normal wild-type animal is brown/tan with gold speckles and an olive undertone. The five more common mutant colors are leucistic, golden albino, xanthic, albino in which is more common in axolotls than some other creatures and melanoid.



ambystoma tigrinum

The adult tiger salamander is a thick-bodied creature generally with yellow blotches or spots against a black background. Once in a while there will be one with blotches that are tan or olive green in color. The spots or blotches are never in any set shape, size or position. Actually you may even be able to tell its origin by the color and pattern of the background and spots.



ambystoma andersoni

Anderson's salamander is a neotenic salamander from Zacapu Lagoon in the Mexican state of Michoacán. This salamander is a relatively recent discovery, first described by Branden and Krebs in 1984. The mature salamander has medium-sized external gills with bright red filaments, and a prominent caudal fin. It has a large head and small limbs, as do the larvae.

Вывод

Теперь иконки аксолотлей в одном svg файле.