

## Description of seqenv internal pipeline structure

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All numbers are fake
This document just
describes a plan for
processing data.

## Dictionaries in the pipeline once run

| text_to_counts |    |               |    |      |  |  |  |  |  |
|----------------|----|---------------|----|------|--|--|--|--|--|
| "the deepest"  | -> | (lake         | -> | 2.0) |  |  |  |  |  |
| "marine wat"   | -> | (marine biome | -> | 0.5, |  |  |  |  |  |
|                |    | marine habit  | -> | 0.5, |  |  |  |  |  |
|                |    | wetland       | -> | 1.0) |  |  |  |  |  |
| "My bath"      | -> | ()            |    |      |  |  |  |  |  |

| seq_to_counts |         |    |             |  |
|---------------|---------|----|-------------|--|
| lake          | _       | ·> | 2.0         |  |
| marine l      | biome - | >  | <b>0.</b> 5 |  |
| marine l      | habit – | >  | 0.5         |  |
| wetland       |         |    | 1.0         |  |

|      | Result normalized |    |  |  |  |  |  |
|------|-------------------|----|--|--|--|--|--|
| This | 0TU               | is | 50% lakish   |  |  |  |  |
| This | 0TU               | is | 12.5% marine biomish   |  |  |  |  |
| This | 0TU               | is | 12.5% marine habitish  |  |  |  |  |
| This | 0TU               | is | 50% lakish 12.5% marine biomish 12.5% marine habitish 25% wetlandish |  |  |  |  |
|      |                   |    |  |  |  |  |  |