* Representing morphological processes
We've already discussed morphological processes, but how do we model or represent them?

Reduplication

baita 'ship' -> baita-baita 'various ships'

omaha 'house' -> omaha-omaha 'various houses'

We want to show that it’s not just an individual word changing but a process that is happening to a category of words.
Reduplicate the whole word to indicate...
## Position-class diagrams

* good for prefixes and suffixes

Sierra Nahuatal (Uto-Aztecan: Mexico)

<table>
<thead>
<tr>
<th>Subject</th>
<th>Object</th>
<th>Respect</th>
<th>ROOT</th>
<th>Honor1</th>
<th>Honor2</th>
</tr>
</thead>
<tbody>
<tr>
<td>ni- 1sg</td>
<td>mic- 2sg</td>
<td>on-</td>
<td>ita ‘see’</td>
<td>-tihcinoh</td>
<td>-tikah</td>
</tr>
<tr>
<td>ti- 2sg</td>
<td>k- 3sg</td>
<td></td>
<td>maka ‘give’</td>
<td></td>
<td></td>
</tr>
<tr>
<td>nan- 2pl</td>
<td>neč- 1sg</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
Process rules

* Plural: N -> N + -s
* Arabic, non-concatenative morphology
  Root: ktb