



- (8) The default **strategy** follows **value** with a **compact** step that handles both elimination of *valued*, *uninterpretable* features[^{catfeat}] and any necessary **head incorporation**. For the implementation being demonstrated, **head incorporation** doesn't follow from any linguistic principles - it is simply coded into the default **strategy** as a side-effect of valuation of a **=V[]** feature. Recall from chapter 4 that **head incorporation** in this system is simply a form of feature-sharing - specifically **donate**, in which all features from a given head are removed from that head's **syn** list and prepended to the featurelist of a receiving head[^{phoninv}]. **stage_6** is in an **complete** state because there are no more actions the **stage** can plausibly take, as all **probe** and **compact** steps have completed, and there are no more items in its **lexical array** to draw from. Note that it is still not **convergent**, however, as there are unvalued features on some of its lexical items.

DERIVATION

```

{
  lexical_array: [
    [{"John"}],
    [{"to_inf"}],
    [{"to-P"}, {"Mary"}],
    [{"promise"}, {"v_ditrans"}],
    [{"T-past"}, {"C"}]],
  history: [
    <stage_1>,
    ...,

```