ARRAYED_CONTAINER

feature -- Commands
  assign_at (i: **INTEGER**; s: **STRING**)
    -- Change the value at position 'i' to 's'.
   require
    valid_index: valid_index (i)
   ensure
    size_unchanged: imp.count = (**old** imp.twin).count
    item_assigned: imp[i] ~ s
    others_unchanged: $\forall$ j : 1 ≤ j ≤ imp.count : j ≠ i $\Rightarrow$ imp[j] ~ (**old** imp.twin) [j]

feature -- { **NONE** }
  -- Implementation of an arrayed-container
  imp: ARRAY[STRING]

invariant
consistency: imp.count = count