Is "head scattering" enough?
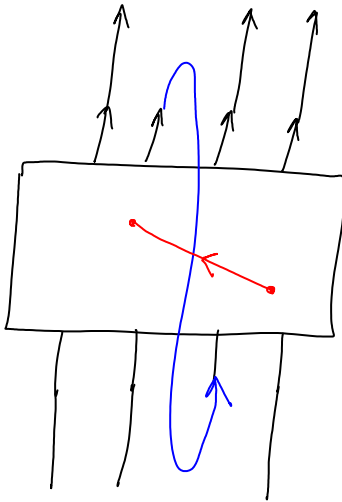
This is to say, in the "minimal Alexander" model, applying all the Archibald relations.

ppA: poly-penultimate
— Alexander.

→ Probably not.
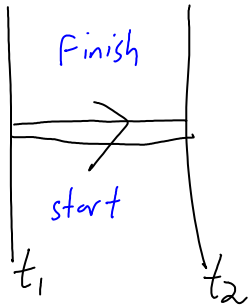
Maybe enough would be a triple

$$(\text{head scattering}, \text{tail scattering}, \text{glue})$$

$$\mathrm{End}(V) \xrightleftharpoons[\text{adjoint}]{\text{nearly}} \mathrm{End}(V^*) \qquad V^* \otimes V \oplus \begin{array}{c}\text{central}\\\text{ext.}\end{array}$$

---

chicago!

Finish

start

$t_1 \qquad t_2$

head scattering: $\sim \begin{pmatrix} 1 & 0 \\ H_1 & t_1 \end{pmatrix}$ ~ Burau

tail scattering: $\sim \begin{pmatrix} 1 & x_2 \frac{1-t_1}{2} \\ 0 & t_1 \end{pmatrix}$ ~ $(\text{Burau})^T$ conjugated by $\begin{pmatrix} x_1 x_2 & 0 \\ 0 & \ddots x_n \end{pmatrix}$
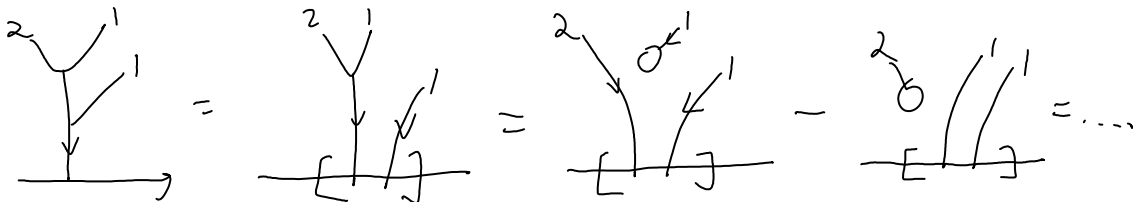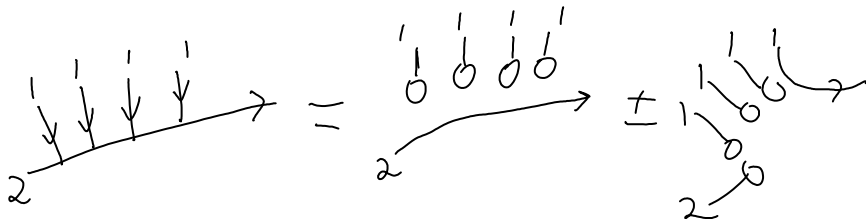
Something has to stop heads/tails from spinning forever in closed loops.

What should I name the central extension? The "charity box"? "safe nest"? "profit"? "savings"? "shavings box"?