```
 \begin{split} \widetilde{S}^{,r} & \stackrel{\bullet}{\smile} [d,"f"][r,"id"][rr,bendleft = \\ 60,"id"] \bullet \\ [d,"j"][r,"id"] \bullet \\ [d,"f"] & [r,dashed,"s"][rr,bendright = \\ 60,"id"] \bullet \\ [\underline{r},p"] \bullet \\ \widetilde{S} & \vdots \\ \widetilde{S} & . \end{split}
```