

Glossary of GLL notation

m – length of the input string

$\$$ – end-of-string symbol and dummy SPPF node

I – array of length containing the input string and $\$$

u_0 – the GSS base node

c_I – current input position, an integer between 0 and m

c_U – the current GSS node

c_N – the current SPPF node

\mathcal{R} – list of pending descriptors

\mathcal{U} – list of all constructed descriptors

\mathcal{U}_j – list of all constructed descriptors of the form (L, u, j, w)

\mathcal{P} – list of GSS node pop records