Definition 0.0.1. [**?**, Definition 1.1.1] A *formal language* $\mathcal{L}$ in first order logic is given by the following:

1. A set $\mathcal{F}$ of functions f of n_f variables, with $n_f \in \mathbb{Z}^+$ a positive integer,
2. A set $\mathcal{R}$ of n_r-ary relations r, with $n_r \in \mathbb{Z}^+$ a positive integer,
3. A set $\mathcal{C}$ of constants.