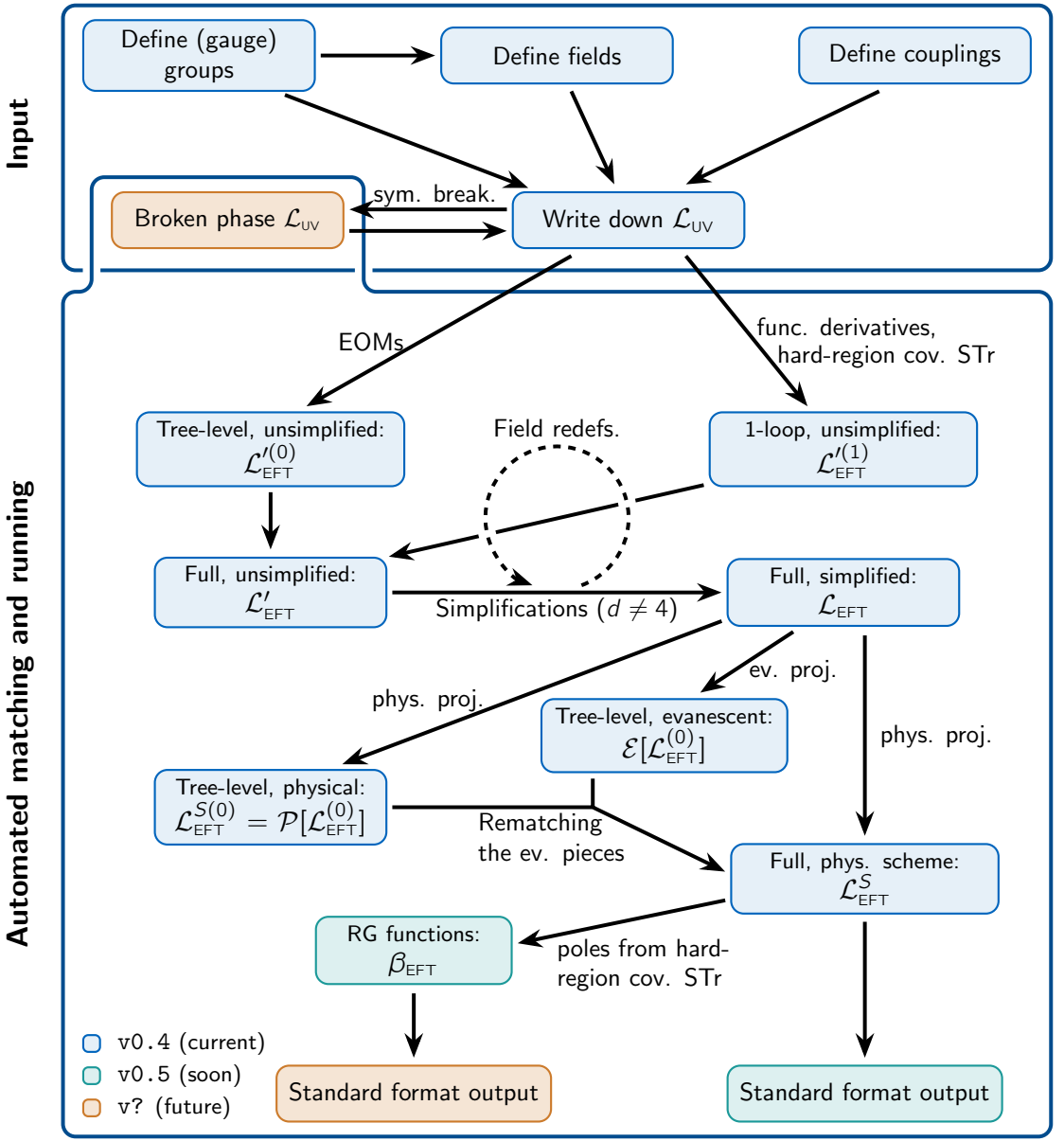
Input
Define (gauge) groups
Define fields
Define couplings
Broken phase $\mathcal{L}_{\text{UV}}$
sym. break.
Write down $\mathcal{L}_{\text{UV}}$
Automated matching and running
EOMs
func. derivatives, hard-region cov. STr
Tree-level, unsimplified: $\mathcal{L}'^{(0)}_{\text{EFT}}$
Field redefs.
1-loop, unsimplified: $\mathcal{L}'^{(1)}_{\text{EFT}}$
Full, unsimplified: $\mathcal{L}'_{\text{EFT}}$
Simplifications ($d \neq 4$)
Full, simplified: $\mathcal{L}_{\text{EFT}}$
ev. proj.
phys. proj.
Tree-level, evanescent: $\mathcal{E}[\mathcal{L}^{(0)}_{\text{EFT}}]$
phys. proj.
Tree-level, physical: $\mathcal{L}^{S(0)}_{\text{EFT}} = \mathcal{P}[\mathcal{L}^{(0)}_{\text{EFT}}]$
Rematching the ev. pieces
Full, phys. scheme: $\mathcal{L}^{S}_{\text{EFT}}$
RG functions: β_{EFT}
poles from hard-region cov. STr
v0.4 (current)
v0.5 (soon)
v? (future)
Standard format output
Standard format output