

€•, f „...†‡^ f

†‡^ f RHALX %Š<Œ •...Ž %†•, ‡ „...•Š% „...‘ , „<, f ‘ „...“ • ‘ †, f †‡ „...%“ • † „...• „†... Œ,  
%• „†... †’’’<, „...% ^ „...% ‘•‡%€‡% „...— , „~ †‡ ™...„... Š> œf •• „- „ ^ Š‡Ž, <, ‡†, •, f  
%<Ž† „...%‘ ‘ Ž ‘ „...%•, Œ „...‘ Š‡, .

„...†— • ...f „...‰, ‡“ ...Š„

- ‰Žœ, < „...‰• „†... > , ‡ †“' < „‰ †™‰...œf (Huawei, Nokia, Tuya...)

- „...„Ž‰†„< „...†œ€Š Ž...Ž “ ...' ... † ...œf ' , € †€‡f

- „...“ „•f •...Ž ' œ‰ Š ' , ... ' •Š' < > €†•, f • > , €f .....€ > Š

„...“ ... „...“, †œ<†Š

- †“ €• %' ... , < adapters •• , , ž†... ž> € ChatGPT
- %“ ... , ... ' i „œ API %...œ„œ , £(NLP + Schema)
  - > †, f œ„> ...f .....†– € Œ, > , œ„% “ • ' †, f
  - %• „†... †> „– € †ž WebSocket ' FastAPI

$$_{\text{''...}}\mathfrak{E}\epsilon^{\wedge}f_{\text{''...''}}'\%_0\mathfrak{j}\ \mathfrak{t}_{\text{''}}\epsilon,f$$

$$\begin{aligned} & -\text{'}\text{'}\mathfrak{ae}\%_0\mathfrak{ae}\mathfrak{z},\text{ ,}\%_0'\text{'}\check{\mathfrak{Z}}\mathfrak{E},_{\text{''...}}>\mathfrak{z},f_{\text{''...}}'\text{ ,}\text{''}<,f'\text{'_{\text{''...''}}}\%_0^{\wedge}_{\text{''...''}}\%_0_{\text{''...}}\bullet\bullet,f\\ & \quad -\mathfrak{ae}_{\text{''}}>\text{...},f\%_0\check{\mathfrak{S}}>\text{ ,}\mathfrak{ae}\mathfrak{E},_{\text{''...}}\bullet\mathfrak{t}_{\text{''}}\epsilon_{\text{''}}\%_0\sim_{\text{''...}}'\check{\mathfrak{Z}}'\text{<},f^{\sim}\mathfrak{t}^{\wedge}\epsilon^{\sim}\text{'}\mathfrak{ae}\check{\mathfrak{S}}\epsilon\\ & -\bullet\mathfrak{t}\bullet_{\text{''}}\mathfrak{z},f_{\text{''...}}\%_0'\text{'}\check{\mathfrak{Z}}\text{...}\mathfrak{t}\bullet_{\text{''...''}}\%_0\bullet^{\text{TM}}\epsilon\check{\mathfrak{Z}}\mathfrak{t}_{\mathfrak{j}}\text{...}_{\text{''...}}\bullet\mathfrak{t}\mathfrak{z}_{\text{''...}}'\text{ ,}>\epsilon_{\text{''}}\mathfrak{z},'\text{'_{\text{''...}}}\epsilon^{\wedge}<_{\text{''...}}\bullet\bullet,\end{aligned}$$

„...%<sub>0</sub>' „Œœ †ž MEA-Comm

- „...†‡<sup>^</sup> f %<sub>0</sub>%<sub>0</sub>†„— Ž †ž •Š<„Œ MEA-Comm Œ, %<sub>0</sub>Š', € " ...' ... „%<sub>0</sub><sup>^</sup> „...„%<sub>0</sub> †%<sub>0</sub>œ<†f
- %<sub>0</sub>' Œ€ RHALX > ‡, f •„Š" f ...%<sub>0</sub>' €, ž %<sub>0</sub>> ‡, „...•‡ ′†f „...••, f ...<Ž „...— €• „-
- •„Š", f Œ' €, f .....<†• †ž †‡%<sub>0</sub>•„%<sub>0</sub> MEA-Comm „...†' %<sub>0</sub>œ> ..., f

