

Wilson è€æ¿;åŠ©ç† - èŒ...ç°Šè¯|ç»†å®žæ~æ%å†Œ > ç”Ÿæ^æ—Œé—':
2026-02-20 16:50 > ç%å^æœ¬: v1.0.0 > çŠŒæ€: èŒ...ç°Šè¯|ç»†ç%å^ --- ## ðŸ“–
å°é¢¢

Wilson

è€æ¿;åŠ©ç†

AI Powered Assistant - å®Œæ•
å®žæ~æ%å†Œ

ç%å^æœ¬ v1.0.0

åŒ...å« 5 åªŒæ ,å¿fåŠŸèf½ + å®Œæ•æŠŒæœ¬æžŒæž,,
èŒ...è¯|ç»†å®žæ~æ%å†Œ - 20+ éµ††...å®¹

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1.7i¼sæœ°ä¼sæŽ̄̀è❖❖ **ăšYëf½è`
`æ~Ž**i¼să❖`çŽ̄̀æ½œăœ`ă❖`ă½œæœ°ä¼săŋ❖ă❖`çŽ̄̀æ, é❖`“ăŋ❖ă|ă¹ èµ,,æ°❖
ă@žçŽ̄̀ăŽYç❖†i¼s 1. ă`†æž❖çfç,¹è½è,¹ă`Œç«žă“❖ç`æŽ̄̀šçš,,æ°æ❖® 2.
è`†ă`«æ½œăœ`çš,,ă❖`ă½œă¼™ă¼`ă`Œă@Œæ` 3. ă❖`çŽ̄̀æ-
°çš,,ă❖`çŽ̄̀æ, é❖`“ă`Œă†ăšæ`jă¼❖ 4. æŽ̄̀è❖❖❖ç,ă...³çš,,ă-
|ă¹ èµ,,æ°❖ă`ŒăŒŒèf½æ❖❖ă❖†æ-¹ă❖` **ă½çç””æ-¹æ³•**i¼s`”`bash #
HEARTBEAT ä¼săœ`æ`❖æ-jæŋæŸYæ—Ÿç”Yæ`❖æœ°ä¼sæŽ̄̀è❖❖ #
æŽ̄̀è❖❖ă¼sè®ă½•ă`ăçfè³æšYăšă,`”`### 3.2 ăšYëf½ 2i¼să»»ăšjç@jç†ç³»ç»Y
æ-†ă»Ÿç»“æž,,i¼s`”`task-manager.py # ä,»ç`ă°❖ tasks.json # ä»»ăšjă`ă,”`
tasks-archive.json # ă½`æjŋă`ă,”`”`**æ`ăçfăšYëf½æ`jă❖—**i¼s`#### æ`jă❖—
2.1i¼să»»ăšjæ»»ăš` **ăšYëf½è`æ~Ž**i¼sæ»»ăš æ-°ă»»ăšjă`ă»»ăšjă`—
èj`i¼Œæ`”æŒ❖ă¼`ă...^ç°šă`Œă†ç±` **ă@žçŽ̄̀ăŽYç❖†**i¼s 1. è`»ă❖—
`tasks.json`i¼`ă|,æžœă,ă`ăœ`ă™ă`ă`ă°i¼% 2. ç”Yæ`❖æ-°ă»»ăšjçš,,ă”ă,Ÿ ID 3.
èšŒæžœă»»ăšjă❖,æ°•i¼`æ †æŒ`ăŋ❖ă¼`ă...^ç°šăŋ❖ă†ç±`ăŋ❖æ`aæŒæ—
YæœYi¼% 4. ă°†ă»»ăšjæ»»ăš ă°ă`—èj`i¼ŒæŒ%ă¼`ă...^ç°šæŽ̄̀ă°❖ 5. äç❖ă`ă°
`tasks.json` **ă½çç””æ-¹æ³•**i¼s`”`bash # æ»»ăš é«~ă¼`ă...^ç°šă»»ăšj python3
task-manager.py add "ă@Œæ`❖ă`æšY” --high # æ»»ăš æ™@éŋšă»»ăšjı¼`é`~è®ăä,-
ă¼`ă...^ç°šı¼% python3 task-manager.py add "æ`ç❖†æ-†æjŋ" # æ»»ăš ă½Žă¼`ă...
^ç°šă»»ăšj python3 task-manager.py add "æ,...ç❖†ç¼`ă” --low`”`**é...❖ç½®éŋ
%œéj¹**i¼s - ä»»ăšjă¼`ă...^ç°šı¼šhighı¼`é«~ı¼%ăŋ❖normalı¼`ă,-
ı¼%ăŋ❖lowı¼`ă½Žı¼% -
ä»»ăšjă†ç±`ı¼šgeneralı¼`éŋšç””ı¼%ăŋ❖projectı¼`éjç,®ı¼%ăŋ❖ideai¼`æf³æ³•ı¼%
æ`jă❖— 2.2i¼să»»ăšjă`—èj` **ăšYëf½è`æ~Ž**i¼să`—ă†°æ%
Ÿæœ%ă»»ăšjı¼Œæ`”æŒ❖æŒ%œçšŸŸæŋ❖ă`Œă¼`ă...^ç°šèç†æ»»
ă@žçŽ̄̀ăŽYç❖†i¼s 1. è`»ă❖— `tasks.json` ä,çš,,æ°%œæœ%ă»»ăšj 2.
ă”ç””èç†æ»»æ❖jă»Ÿı¼`æŒ%œçšŸŸæŋ❖ăŋ❖ă¼`ă...^ç°šı¼% 3. æŒ%ă¼`ă...
^ç°šæŽ̄̀ă°❖ı¼`é«~ > ä, > ă½Žı¼% 4. æ ¼ă¼❖ăŒ-
è¾`ă†°ı¼`ă½çç””ă¾æ †æj`ç°çšŸŸæŋ❖ă`Œă¼`ă...^ç°šı¼% **ă½çç””æ-¹æ³•**i¼s
”`bash # ă`—ă†°æ%œæœ%ă»»ăšj python3 task-manager.py list # ă❖ă`—ă†°ă¾ă...
ăšžă»»ăšj python3 task-manager.py list --todo # ă❖ă`—ă†°é«~ă¼`ă...
^ç°šă»»ăšj python3 task-manager.py list --high`”`#### æ`jă❖—
2.3i¼să»»ăšjă@Œæ`❖ **ăšYëf½è`
`æ~Ž**i¼sæ †è®ă»»ăšjă,°ă²ă@Œæ`❖ı¼Œè®ă½•ă@Œæ`❖æ—Ÿé—
ă@žçŽ̄̀ăŽYç❖†i¼s 1. è`»ă❖— `tasks.json` 2. æ%œ¾ă°æŒ†ă@š ID çš,,ă»»ăšj 3.
æ`æ-°ă»»ăšjçšŸŸæŋ❖ă,° "done" 4. è®ă½•ă@Œæ`❖æ—Ÿé— 5.
ă°†ă»»ăšjçš»ăš”ă°ă½`æjŋæ-†ă»Ÿ`tasks-archive.json` 6. äç❖ă`ă,ă¾,¹æ-†ă»ŸŸ
ă½çç””æ-¹æ³•i¼s`”`bash # ă@Œæ`❖ă»»ăšjı¼`ID ä,°ă»»ăšjç¼`ă❖ı¼%
python3 task-manager.py done 1 # æYŸçœă`²ă½`æjŋçš,,ă»»ăšj cat tasks-
archive.json`”`#### æ`jă❖— 2.4i¼să»»ăšjă`é™æ **ăšYëf½è`
`æ~Ž**i¼să` é™ă»»ăšjăŸŸă½`æjŋı¼Œæ`”æŒ❖æ❖ă❖❖ **ă@žçŽ̄̀ăŽYç❖†**i¼s 1.
è`»ă❖— `tasks.json` 2. æ%œ¾ă°æŒ†ă@š ID çš,,ă»»ăšj 3.
ă°†ă»»ăšjçš»ăš”ă°ă½`æjŋæ-†ă»ŸŸ`tasks-archive.json` 4. ä»Ž`tasks.json` ä,-
ă` é™ă»»ăšj 5. äç❖ă`ă,ă¾,¹æ-†ă»ŸŸŸ **ă½çç””æ-¹æ³•**i¼s`”`bash #
ă` é™ă»»ăšjı¼`ID ä,°ă»»ăšjç¼`ă❖ı¼% python3 task-manager.py delete 1 #

æYŸçœ<â²â½æj£çš,,ä»»âšj cat tasks-archive.json ``#### æ"jâ—
2.5i¼šä»»âšjçYè®j **âšYèf½è~æ~ž**i¼šçYè®jâ»»âšjæ°é†â'Ĉâ@Ĉæ^çž†
â@žçž°âžYç♦†i¼š 1. è»â—`tasks.json` â'Ĉ `tasks-archive.json` 2. çYè®jâ¾...
âšžä»»âšjæ°é† 3. çYè®jâ²â@Ĉæ^â»»âšjæ°é† 4. è®jç—â@Ĉæ^çž† 5.
æĈ%œä¼~â...^ç°šâ†ç±»çYè®j **â½ç»~æ¹æ³**i¼š ``bash #
æYŸçœ<ä»»âšjçYè®j¼^è¾“â†°âœ~ä»»âšjâ—èj~ä,¼% python3 task-manager.py
list ``#### 3.3 âšYèf½ 3i¼šâ°ç°Ĉ¹|â...~è†âš~é—çž~**æ-†â»Ĵç“æž,,**i¼š `` xhs-
auto-pipeline.py # è†âš~âĈæµç~è,,šæœ~ xhs-auto-records.json #
ââ'â,fè®â½• ``**æ,âžfâšYèf½æ"jâ—**i¼š#### æ"jâ— 3.1i¼šçfç,¹ç'æžš
âšYèf½è~æ~ži¼šç'æžšâ°ç°Ĉ¹|ç®æ†â...³é”è~çš,,çfâ°|â~âĈ-
i¼Ĉâçž°æ½œâœ~ç†æ~¾è~éĈ~**â@žçž°âžYç♦†**i¼š 1. â@šâ¹%œç'æžšâ...
³é”è~â—èj~i¼^AIâYâ...âĈæ°çž†çYžâ™~âĈâ%œ~ä,šæžé±i¼%œ 2. â½ç»~
MediaCrawler æš“âç,â...³ç~”è®°æ°æ® 3.
â†æžç~”è®°æ°é†âĈç,¹èµžâĈæ”Ĵè—âĈçè~,,è®°ç%œæĈæ†æ† 4. è†â^çf-
â°|â,šâ†çš,,èĴâšž 5. éĈ%œæ©æœĈçfè—~çš,,è~éĈ~â½œä,°ççYè¾“â...Y
â½ç»~æ¹æ³i¼š ``bash # æµè~æ"jâ¼i¼^â½ç»~æ"jæYæ°æ®i¼%œ
python3 xhs-auto-pipeline.py test # çœYâ@žæ"jâ¼i¼^éœĈé†æ^â@žé™...
API¼%œ python3 xhs-auto-pipeline.py ``**é...ç½®éĈ%œéj¹**i¼š - ç'æžšâ...
³é”è~â—èj~ - ç'æžšéĈçž† - çfâ°|é~âĈ¼i¼^â°âš~çž†èĴ...èž†âšâ°ç®—çfè—
~i¼%œ#### æ"jâ— 3.2i¼šççYâ”Ĵâ@š **âšYèf½è~æ~ž**i¼šâYâ°žçf-
ç,¹â†æži¼Ĉâ”Ĵâ@šâ†...â®¹ççY **â@žçž°âžYç♦†**i¼š 1. â†æžæœĈçfè—
~è~éĈ~çš,,ç%œ¹â¾i¼^æ†éĈç”æž,,âĈâ°éĈçéžæ¼âĈââ'â,fæ—Ĵè—
~i¼%œ 2. çj®â@šç®æ†â—â¼—âĈâ†...â®¹æ¹âç 3. éĈ%œæ©ââ^éĈ,çš,,â†...
â®¹ç±»âž~i¼^æ™ç~âĈâ†â°âĈçšè%œi¼%œ 4. çj®â@šæ†ç-
¾ç»,ââ'Ĉââ,fæ—Ĵè—~**â½ç»~æ¹æ³**i¼š ``bash # ç-
çYâ”Ĵâ@šæ~è†âš~âĈçš,i¼Ĉä¼šâœ~çfç,¹ç'æžšâžè†âš~æ%œšèjĈ # ç-
çYâ¼šâ¼ éĈç”™â†...â®¹çYæ^æ"jâ— ``#### æ"jâ— 3.3i¼šâ†...â®¹çYæ^
âšYèf½è~æ~ži¼šçYæ^â°ç°Ĉ¹|ç~”è®°çš,,æ†éĈâ'ĈæĈæ-†
â@žçž°âžYç♦†i¼š 1. âYâ°žççYâ'Ĉè~éĈ~i¼Ĉä½ç»~ AI çYæ^æ†éĈ 2.
çYæ^ç~|ââ°ç°Ĉ¹|éžæ¼çš,,æĈæ-† 3. çYæ^ââ^éĈ,çš,,æ†ç¾ 4.
çYæ^â°éĈĈâ'Ĉé...â¾çš,,æçç°è~**â½ç»~æ¹æ³**i¼š ``bash # â†...
â®¹çYæ^æ~è†âš~âĈçš,i¼Ĉä¼šâœ~ççYâ”Ĵâ@šâžè†âš~æ%œšèjĈ #
â½ç»~ content-generator skill ``**é...ç½®éĈ%œéj¹**i¼š -
æ†éĈéçâ°|é™â”Ĵi¼^20 â—i¼%œ - â†...
â®¹éžæ¼i¼^æ™ç~âžâĈâ†â°âžâĈçšè%œâž~i¼%œ - æ†ç-
¾æ°é†â'Ĉç±»âž<#### æ"jâ— 3.4i¼šé...â¾çYæ^ **âšYèf½è~
~æ~ž**i¼šçYæ^â°ç°Ĉ¹|ç~”è®°çš,,â°éĈĈâ'Ĉé...â¾ **â@žçž°âžYç♦†**i¼š
1. æ¹æ®â†...â®¹çYæ^æ"jâ—çš,,æçç°è~ 2. è°fç” Grsai API
çYæ^â¾ç%œ† 3. çYæ^â°éĈĈâ¾i¼^çââ†æ†éĈâĈ,â¼ç,¹â†»i¼%œ 4.
çYæ^é...â¾i¼^â±ç°â†...â®¹ç†èš,i¼%œ 5. äžââ¾ç%œâ°æœ-âœ°
â½ç»~æ¹æ³i¼š ``bash # é...â¾çYæ^æ~è†âš~âĈçš,i¼Ĉä¼šâœ~â†...
â®¹çYæ^âžè†âš~æ%œšèjĈ # â½ç»~ Grsai API ``**é...ç½®éĈ%œéj¹**i¼š -
â¾ç%œ†éžæ¼i¼^â°ç°Ĉ¹|éžæ¼âĈç®æ^éžæ¼è%œæœ~éžæ¼i¼%œ -
â¾ç%œâ°â~i¼^â°éĈĈâ¾âĈé...â¾i¼%œ - â¾ç%œâ°æ°é†â'â°éĈ 1

[illegible]

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'æ~Z**i¼šææðððæððé†âð³â°†â°æð¥çš,,æ—¥ç`< **âðžçž°âžÿçð†**i¼š 1.
âœ`æ`æ¬j HEARTBEAT æ£ææÿ¥æ—¶æ%ð§èjCE 2. æÿ¥æ%ð¾âð³â°†â°æð¥i¼²
âðæ—¶â†...i¼%ðçš,,æ—¥ç`< 3. éçšèç†é£žâ¹|âð`éæðæððé†` 4.
è®°â½²æðððé†çš¶æ£ðð **â½çç` æ¹æ³·**i¼š ``bash # æðððé†æ~è†âš`âCE-
çš,i¼CEâ¼šâœ` HEARTBEAT æ£ææÿ¥æ—¶è†âš`æ%ð§èjCE #
æðððé†â¼šéçšèç†é£žâ¹|æ¶æððâð`éæð` **é...ðç½®éç%ðéj¹**i¼š -
æðððâ%ððæ—¶é—i¼^âðæ—¶i¼%ð - æðððé†æ-
¹â¼ðði¼^é£žâ¹|æ¶æððæððæðð,èä»¶i¼%ð - æðððé†â†...â®¹æ`jæðç ### 3.5
âšÿèj½ 5i¼šè†âš`è`,,è®°âžâððç³»ç»ÿ **æ-†â»¶ç»æž,,**i¼š ``xiaohongshu-
auto-reply/ âœâ”€â”€ auto_reply.py # ä,»ç`<âð`âœâ”€â”€ monitor.py #
è`,,è®°ç,æžšæ`jâð— âœâ”€â”€ reply_strategy.py # æ™ºèj½âžâððççç¥
âœâ”€â”€ customer_tracker.py # âðçæ`èÿè,æ`jâð— âœâ”€â”€ config.json #
é...ðç½®æ-†â»¶¶ âœâ”€â”€ templates/ âœâ”€â”€ reply_templates.json #
âžâððæ`jæðçjâ° âœâ”€â”€ README.md # â½çç`è`æ~ž âœâ”€â”€
PROJECT_SUMMARY.md # éj¹ç»æ£»ç»âœâ”€â”€ CHECKLIST.md # éf`ç½²æ£
ææÿ¥æ,...âð`âœâ”€â”€ COMPLETION_REPORT.md # âðCEæðæš¥âš`âœâ”€â”€
requirements.txt # ä¾ðèµ-âCE...â—èj` âœâ”€â”€ start.sh # Linux/Mac
âð`âš`è,,šæœ¬âœâ”€â”€ start.bat # Windows âð`âš`è,,šæœ¬`
**æ,âçfâšÿèj½æ`jâð—**i¼š#### æ`jâð— 5.1i¼šè`,,è®°ç,æžš **âšÿèj½è`
æ~ž**i¼šâ®žæ—¶ç,âð`â°ðç°çâ¹|ç¬`è®°çš,,è`,,è®° **â®žçž°âžÿçð†**i¼š 1.
â½çç` Playwright èçžæžÿâ°â°ðç°çâ¹| 2. âðšæœÿæ£
ææÿ¥â²âð`â,fç¬`è®°çš,,è`,,è®° 3. è†â«æ-e`,,è®° 4. è£ææžðè`,,è®°â†...
â®¹i¼^ç`æ^âæðæ-†æœ¬âæðèj`æf...i¼%ð 5. è°fç`âžâððççç¥ **â½çç` æ-
¹æ³·**i¼š ``bash # âð`âš`è†âš`âžâððç³»ç»ÿ cd xiaohongshu-auto-reply ./
start.sh # Linux/Mac # æ¬-start.bat # Windows # æÿ¥çœç»ÿè®j python3
auto_reply.py --stats # æÿ¥çœç»¥âðçæ` python3 auto_reply.py --customers vip ``
**é...ðç½®éç%ðéj¹**i¼š - ç,æžšéççž†i¼æð 5-10 çš`i¼%ð - ç,æžšçš,,ç¬`è®°â—
èj`i¼^âœ` config.json ä,é...ðç½®i¼%ð - Cookie æœ%ðæ`æœÿæ£ææÿ¥ ####
æ`jâð— 5.2i¼šæ™ºèj½âžâððççç¥ **âšÿèj½è`æ~ž**i¼šâÿ°žâ...
³é”èèèè†âš`â†ç±»è`,,è®°i¼CEæ™ºèj½éç
%ðæç©âžâððæ`jæðç **è`,,è®°ç±»âžçi¼^6 çšði¼%ð**i¼š 1. **æ±
,â”`è`çç±»**i¼šè`çé—®â¥â...â½çç` æ¹æ³·âæðâšÿèj½â»ç»ð 2. **æ±
,âð`â½œçç±»**i¼šâœâœ±,â°†âšjâð`â½œâæðâ¹çâšæš·æ”¾ 3. **æ±
,âððé|ç±»**i¼šè`çé—®â°šâ`æð,,èçðâæððâ½çç`â½“éâCE 4. **æ±
,èµ,,æ°ðçç±»**i¼šâœâœæ%ð¾â¹|â¹ èµ,,æ°ðâæððâ£ç çç°â¾¾ 5. **æ±
,æž`èðççç±»**i¼šè`çé—®âðCEçç±»â°šâ`ææž`èðð 6. **â...¶â»-çç±»**i¼šâ...¶â»-
çç±»âžççš,,è`,,è®° **â½çç` æ¹æ³·**i¼š ``bash # âžâððççç¥æ~è†âš`âCE-çš,, #
â¼šâœ`è`,,è®°ç,æžšâ,è†âš`è°fç` # æ¹æð®è`,,è®°ç±»âžçèèâš`éç%ðæç©âð`éç
,çš,,âžâððæ`jæðç` **é...ðç½®éç%ðéj¹**i¼š -
æðççðè`,,è®°ç±»âžççš,,âžâððæ`jæðçj¼^âœ` templates/reply_templates.json
ä,é...ðç½®i¼%ð - âžâððéçççž†æžšâ»¶i¼^éçjâ...ðéçç¹ðâžâðði¼%ð -
âžâððâ»¶èçÿi¼æ`jæçÿçœÿä°âžâðði¼%ð #### æ`jâð—
5.3i¼šâžâððæ`jæðçççççç† **âšÿèj½è`æ~ž**i¼šçççççç† 24
æðçjâžâððæ`jæðçj¼CEæ¬æCE 6 çšðè`,,è®°ç±»âžç Ä— 4

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ç\$øæ"jæøç **æ"jæøçæ°é†ø **i¼š - æ±,â"è-ç±»i¼š4 æøjæ"jæøç - æ±,âøøé|^ç±»i¼š4 æøjæ"jæøç - æ±,èµ,,æøç±»i¼š4 æøjæ"jæøç - æ±,æž"èøç±»i¼š4 æøjæ"jæøç - â...¶ä»-ç±»i¼š4 æøjæ"jæøç **â½ç"æ¹æ³**i¼š ``bash # æ"jæøçæ~è†âš"âš è½½çš, # â¼šâœ"âžžâøç-ç•¥ä,è†âš"é€%œ© # æ"jæøçâøä»¥âœ" templates/reply_templates.json ä,ç¼-è¾, `` #### æ"jâø— 5.4i¼šâøçæ^çøjçø† **âšÿè½è~ æ~ž**i¼šèøâ½•ç"æ^âøâš"âžžâøç²i¼œè†âš"âøçæ^â†ç°\$ **âøçæ^â†ç°\$**i¼š 1. **VIP âøçæ^**i¼šâøçæ¬jâøâš"i¼œ«~ä»â€¼ 2. **æ'»è.fâøçæ^**i¼šæœ%œä,€âøšâøâš" 3. **æ-âøçæ^**i¼šé|-æ¬jâøâš" 4. **æ²%œçøjâøçæ^**i¼šé•jæ—¶é—æ— äøâš" **â½ç"æ¹æ³**i¼š ``bash # æÿ¥çœâøçæ^ç•ÿèj python3 auto_reply.py --stats # æÿ¥çœVIPâøçæ^ python3 auto_reply.py --customers vip # æÿ¥çœæ»è.fâøçæ^ python3 auto_reply.py --customers active `` **é...øç½øé€%œéj¹**i¼š - VIP é~â€¼â¼^âøâš"æ¬jæ°i¼%œ - æ'»è.fé~â€¼â¼^æœéâøžâøâš"æ—¶é—i¼%œ - æ²%œçøjé~â€¼â¼^æ— äøâš"æ—¶é—i¼%œ #### æ"jâø— 5.5i¼šé²âøç-ç•¥ **âšÿè½è~ æ~ž**i¼šéøçâ... øâ, éç¹øâžžâøçèç«âøøâø. **é²âøçæžæ¹æ¹**i¼š 1. **âžžâøøâ¶èçÿ**i¼šæ¬æ¬jâžžâøøâ%œçø%œâ¾... 5-10 ç\$ 2. **æ¬æ—¥âžžâøæ°é†øé™øâ¶**i¼šæ¬âøçœœâøšâžžâø X æøj 3. **âžžâøøâ†... âø¹éšøæœâœ-**i¼šâ»žâøšâ,æ"jæøçä,éšøæœ°é€%œ© 4. **æ—¶é—'é™â¼œ**i¼šéøçâ...âœ"çÿæ—¶é—â†...âøšé†øâžžâøç **â½ç"æ¹æ³**i¼š ``bash # é²âøç-ç•¥æ~è†âš"âœ-çš, # â¼šâœ"è†âš"âžžâøçæ—¶è†âš"âø"ç" # âøä»¥âœ" config.json ä,é...øç½øâøçæ° `` **é...øç½øé€%œéj¹**i¼š - âžžâøøâ¶èçÿÿèçfâ»i¼^5-10 ç\$ i¼%œ - æ¬æ—¥âžžâøæ°é†øé™øâ¶ - âžžâøøâ†...âø¹éšøæœâœ-â¼œâ...³ #### æ"jâø— 5.6i¼šè½-âœ-â¼â¼ **âšÿè½è~ æ~ž**i¼šâœ"âžžâøçä,â¼â¼ç"æ^ç\$øäçjâœä...³æ³"æèè¹° **â¼â¼â¼ç-ç•¥**i¼š 1. **ç\$øäçjâ¼â¼â¼**i¼š"è-|ç»†è~æ~žè-ç\$øäçjæ^" 2. **â...³æ³"â¼â¼â¼**i¼š"â...³æ³"èžâøçæ'âøšâ¹²è\$" 3. **è¹-â¼â¼â¼**i¼š"æf³è| øâøçæ°ç%œè-ç\$øäçj" 4. **æœøâšjâ¼â¼â¼**i¼š"éœèè| øä,"ä,šæœøâšjè-ç\$øäçj" **â½ç"æ¹æ³**i¼š ``bash # è½-âœ-â¼â¼â¼æ~è†âš"âœ-çš, # â¼šâœ"âžžâøçæ"jæøçä,âœ... âø«â¼â¼â¼è¬ø¥ # â¼â¼â¼è¬ø¥âø¬ä»¥âœ" templates/reply_templates.json ä,ç¼-è¾, `` --- ## â»â€œä½ç"æ¹æ³. ### 4.1 çžâœfâ††âø† #### 4.1.1 Python çžâœf **è| øæ±,**i¼šPython 3.9 æ¬æ¬é«ç%œæœ¬ **âø%œè£...â¾øèµ-**i¼š ``bash # âø%œè£...âç...éœèçš, Python âœ... pip install requests playwright weasyprint matplotlib plotly # éâœè¬øâø%œè£... python3 -c "import requests, playwright, weasyprint, matplotlib, plotly; print('All dependencies installed!)" `` #### 4.1.2 é...øç½øæ-†ä»¶ **âç...éœèè...øç½ø**i¼š - `tasks.json`i¼šâ»âšjâ~â,"i¼^è†âš"â»â»°i¼%œ - `calendar.json`i¼šæ—¥ç"â~â,"i¼^è†âš"â»â»°i¼%œ - `heartbeat-state.json`i¼šâçfè³ç\$¶æèøi¼^è†âš"â»â»°i¼%œ - `xiaohongshu-auto-reply/config.json`i¼šè,,èøâžžâøçé...øç½øi¼^éœèè| øæ%œâš"é...øç½øi¼%œ **é...øç½øçø°â¾, **i¼š ``json { "monitor_interval": 10, "max_replies_per_day": 50, "reply_delay_min": 5, "reply_delay_max": 10, "note_ids": [] } `` #### 4.2 æ,âçfâšÿè½ä½ç" #### 4.2.1 HEARTBEAT ä,âš"æ±†æš¥ **æ%œšèjœæ—

```
1â¼❖**i¼šæ%o<âš" æ%oSè;E + Cron Job è†ªâš" æ%oSè;E
**æ%o<âš" æ%oSè;E**i¼š ``bash cd ~/.openclaw/workspace python3 heartbeat-
check.py `` **è†ªâš" æ%oSè;E**i¼^Cron Jobi¼%oi¼š - æ%oSè;Eé¢‘çŽ†i¼šæ❖ 6
âº❖æ—¶ - è†ªâš" æ££æŸŸi¼šé,®ç®±â£❖æ—Ÿç" <â£❖é|ç>®è¿,âº| â£❖çf-
ç,1â£❖ç«žâ“❖â£❖æœ°ä¼š - è†ªâš"ç"Ÿæ^❖i¼šâ¿fè³æšŸâš - è†ªâš"ä¿❖â~i¼šâ^
`heartbeat-report.txt` **æšŸâšâ†...â®1**i¼š - ðŸ“$ é,®ç®±çš¶â£❖ - ðŸ“... æ—
Ÿç" <æ❖❖é†i¼^24 âº❖æ—¶â†...i¼%o - ðŸ“❖ é|ç>®è¿,âº| - ðŸ$ è®â¿†æ’æ-º -
ðŸŸçfç,1è¿½è,a - ðŸ“$ ç«žâ“❖ç’æžš - ðŸ’i æœ°ä¼šæž"è❖❖ #### 4.2.2
ä»»âš¿ç®¿ç❖†ç³»ç»Ÿ **â®Eæ•âŸä½œæµ❖**i¼š **1. æ»âš ä»»âš¿** ``bash #
æ»âš é~ä¼~â...^ç°šä»»âš¿ python3 task-manager.py add "â®Eæ^❖â“æšŸ" --high
# æ»âš ä¼~â¼~â...^ç°šä»»âš¿ python3 task-manager.py add "æ•ç❖†æ-†æ¿" #
æ»âš ä½žä¼~â...^ç°šä»»âš¿ python3 task-manager.py add "æ,...ç❖†ç¼~â“" --low ``
**2. æŸŸçœ«ä»»âš¿** ``bash # â^—â†°æ%œæœ°oä»»âš¿ python3 task-manager.py
list # â❖â^—â†°â¾...âšžä»»âš¿ python3 task-manager.py list --todo # â❖â^—
â†°é«~ä¼~â...^ç°šä»»âš¿ python3 task-manager.py list --high `` **3.
â®Eæ^❖ä»»âš¿** ``bash # â®Eæ^❖ä»»âš¿i¼^ID ä,°ä»»âš¿ç¼~â❖i¼%o python3
task-manager.py done 1 python3 task-manager.py done 2 `` **4.
æŸŸçœ«ä»»âš¿ç»Ÿè®i** ``bash # æŸŸçœ«ä»»âš¿ç»Ÿè®i¼^âœ“â^—è¿~ä,
æ¾ç°i¼%o python3 task-manager.py list `` **5. â^ é™ä»»âš¿** ``bash #
â^ é™ä»»âš¿i¼^ID ä,°ä»»âš¿ç¼~â❖i¼%o python3 task-manager.py delete 1 ``
#### 4.2.3 âº❖ç°çâ¿|â... ``è†ªâš" é—çŽ“ **â®Eæ•âŸä½œæµ❖**i¼š
**æµ«è•æ”i¼❖**i¼š ``bash cd ~/.openclaw/workspace python3 xhs-auto-
pipeline.py test `` **çœŸâ®žæ”i¼❖**i¼^éœ£â...^é†æ^â®ž™... APIi¼%oi¼š
``bash cd ~/.openclaw/workspace python3 xhs-auto-pipeline.py `` **æµ❖ç”è
æ~ž**i¼š 1. çfç,1ç’æžš â†’ 2. ç-çŸâ¶¶â®š â†’ 3. â†...â®1ç”Ÿæ^❖ â†’ 4. é...
❖â¾ç”Ÿæ^❖ â†’ 5. è†ªâš"â❖â¿ â†’ 6. æ°æ®â®é| ^ 2. æ~ä,aæ-
Ÿéªé¿½æ~è†ªâš"âE-çš,, 3. æœ£ç»^ç»“æžœä¼šè®â½•â^`xhs-auto-records.json`
4. æ°æ®â®é| ^ä¼šä¼~âE-âžç»ç-çŸ #### 4.2.4 æ—Ÿç” <é†æ^❖ **â®Eæ•
âŸä½œæµ❖**i¼š **1. æ»âš æ—Ÿç” < ** ``bash cd ~/.openclaw/workspace #
æ»âš æ—Ÿç” <i¼^æ—ŸæœŸ + æ—¶é—i¼%o python3 calendar-manager.py add
"â®Eæ^ä¼šè®" 2026-02-21 14:00 # æ»âš â... ``â®ä°ä»»âš¿¶i¼^æ— æ—¶é—i¼%o
python3 calendar-manager.py add "â¢éŸâ”èè¾æ’âš"" 2026-02-22 #
è†ªâ®šä½œæ—¶é¿i¼^â†éŸi¼%o python3 calendar-manager.py add
"æš£æœèè_,â®¿" 2026-02-21 16:00 90 `` **2. æŸŸçœ«æ—Ÿç” < ** ``bash # â^—
â†°æ%œæœ°oæ—Ÿç” < python3 calendar-manager.py list # â^—â†°æE†â®šæ—
ŸæœŸçš,,æ—Ÿç” < python3 calendar-manager.py list 2026-02-21 `` **3.
æŸŸçœ«â❖³â†â°æ❖Ÿçš,,æ—Ÿç” < ** ``bash # æŸŸçœ« 24 âº❖æ—¶â†...æ—Ÿç” <
python3 calendar-manager.py upcoming `` **æ❖❖é†âšŸè¿½**i¼š - æ❖❖â%o❖ 2
âº❖æ—¶i¼^â❖é...❖ç½®i¼%o - é£šè¿¿ HEARTBEAT æ££æŸŸè†ªâš" æ%oSè;E -
æ❖❖é†â¼šé£šè¿¿é£žä¿|æ¶æ❖â❖é£❖ #### 4.2.5 è†ªâš"è_,è®â¿žâ®ç³»ç»Ÿ
**â®Eæ•âŸä½œæµ❖**i¼š **1. é...❖ç½®ç³»ç»ŸŸ** ``bash cd ~/.openclaw/
workspace/xiaohongshu-auto-reply # 1. ç¼~è¾é...❖ç½®æ-†ä¶¶ vim config.json #
2. é...❖ç½®âº❖ç°çâ¿| Cookies # ä»žæµ❖èšâ™”â¼£â❖è£...âŸä...ä¿â❖â¶¶
Cookies â¿¶ç²~è”â^ config.json # 3. é...❖ç½®ç’æžšçš,,ç-”è® ID #
```

[illegible]

[illegible]

†ä»¶i¼š`ab_testing.py`, `ab_results.json` - è`æ~Ži¼šè†āš`æµ«è`•ä, ¶ā¶Ææ-
¹æj`i¼ÆæŽ`è¶ææ€ä½³æ¹æj`**æ-°āčŽāšYèf½ 3i¼šé,®ç®±é†æ`** -
āšYèf½i¼šIMAP é,®ä»¶è»ā¶-ā¶SMTP é,®ä»¶ā¶é¶ - æšÆææ-æ`i¼šimaplib,
smtplib, email - æ-†ä»¶i¼š`email_integration.py`, `email_config.json` - è`
`æ~Ži¼šè†āš`æŁæYææ«è`é,®ä»¶ā¶ā¶é¶æ¶é†é,®ä»¶### 7.2
è`·ā¹³ā¶æ-æÆ¶**è`·ā¹³ā¶° 1i¼šæš-éY³é†æ`** - āšYèf½i¼šæš-
éY³èš†é¶è†āš`ā¶,ā,f - æšÆææ-æ`i¼šPlaywright, èš†é¶ā¶,ç¶† - æ-
†ä»¶i¼š`douyin_publisher.py`, `douyin_config.json` - è`
`æ~Ži¼šè†āš`ā¶,ā,fèš†é¶ā°æš-éY³**è`·ā¹³ā¶° 2i¼šB ç«™é†æ`** -
āšYèf½i¼šB ç«™èš†é¶è†āš`ā¶,ā,f - æšÆææ-æ`i¼šPlaywright, èš†é¶ā¶,ç¶† -
æ-†ä»¶i¼š`bilibili_publisher.py`, `bilibili_config.json` - è`
`æ~Ži¼šè†āš`ā¶,ā,fèš†é¶ā° B ç«™### 7.3 çš¶āYÿè¿è¶¥**çš¶āYÿ
1i¼šéŁžā¹|è†āš`ā¶žā¶** -
āšYèf½i¼šéŁžā¹|æ¶æ`è†āš`ā¶žā¶ā¶ā¶æ·ä¿æ`ā½æj£ -
æšÆææ-æ`i¼šéŁžā¹|ā¼ææ³¼ā¹³ā¶° API - æ-†ä»¶i¼š`feishu_auto_reply.py`,
`feishu_config.json` - è`
`æ~Ži¼šè†āš`ā¶žā¶éŁžā¹|æ¶æ`ā¶ç®ç¶†ā¶æ·ä¿æ`**çš¶āYÿ
2i¼šā³¼®ä¿æ¶æ`ā¶žā¶** - āšYèf½i¼šā³¼®ä¿æ¶æ`è†āš`ā¶žā¶ -
æšÆææ-æ`i¼šā¼¶ā,šā³¼®ä¿ API - æ-†ä»¶i¼š`wechat_auto_reply.py`,
`wechat_config.json` - è`æ~Ži¼šè†āš`ā¶žā¶ā³¼®ä¿æ¶æ`### 7.4
é«~ç°šāšYèf½**é«~ç°š 1i¼šè¿æç`«ā¶ā½æ** - āšYèf½i¼šéŁžè¿ OpenClaw
nodes æŽšā¶¶æ%ææ° - æšÆææ-æ`i¼šOpenClaw nodes API - æ-
†ä»¶i¼š`remote_collaboration.py`, `remote_config.json` - è`
`æ~Ži¼šè¿æç`«æŽšā¶¶æ%ææ°ā¶æ«ç...šā¶æ««ā½æ**é«~ç°š
2i¼šæ™°èf½ā†³ç-ā¼æ“Ž** - āšYèf½i¼šāY°ä°žā¶šç»ā°|æ°æ®çš,æ™°èf½ā†³ç-
æšÆææ-æ`i¼šææ°ā™`ā|ā¹ ā¶æ°æ®æ®ā†æž - æ-
†ä»¶i¼š`decision_engine.py`, `decision_models/` - è`
`æ~Ži¼šæ™°èf½ā†æžæ°æ®®i¼Ææ¶¶ā³¼ā†³ç-ā°è®® --- ## ðY“š æ€ç»“###
æ,ā¿fā»ā€¼ Wilson è¶æ¶¿āš®ç¶†æ~ā,€ä,āšYèf½ā®Ææ·
`ā¶æšÆææ-æ`ç†Yçš,ā...`èf½āž« AI āš®æ%æi¼ÆéŁžè¿ 5
ā¶æš,ā¿fāšYèf½ā¶Ææ`jā—āÆæ-æž¶æž,i¼Æā®žçŽ°ä†ä»žä¿æ`èŽ·ā-
ā°ä»»āšjæ%šè¿Æçš,ā...`æµ¶ç`è†āš`āÆ-ā€,### æšÆææ-æ`ç†Yā°| - âæ...
æ`jā—āÆæ-æž¶æž,i¼šæ`ä,æ`jā—ç«~ç««ā¶æµ«è`· - âæ... **é...
¶ç½®é®±āš`**i¼šæ%ææ%æè¿Æä,°éŁžè¿è...¶ç½®æ-†ä»¶æŽšā¶¶ - âæ... **æ—
¥ā¿—è®°ā½**i¼šā®Ææ·çš,æ“«ā½ææ—¥ā¿— - âæ... **é”™è`ā¶
„ç¶†**i¼šā®Ææ—,çš,ā¼,ā,ā¶,ç¶†ā¶Æé”™è`æ¶¶ā¶ - âæ... **æ€šèf½ā¼~āÆ-
**i¼šç¼¼“ā~ā¶ā¼,æ¥ā¶,ç¶†ā¶æ%¹é¶æ“«ā½æ - âæ...
ā¶æ%®ā±æ€ši¼šæ-æÆææ¶ä»¶ā¼æ%®ā±### ā½¿ç”`ā°è®® 1.
ä»žç®€ā¶·āšYèf½ā¼āš«i¼šā...`ā½¿ç”`ä»»āšjç®ç¶†ā¶æ—¥ç`è†æ` 2.
**é¶æ-
¥ā¶ç”`é«~ç°šāšYèf½**i¼šç†Yæ,%āY°çj€āšYèf½ā¶Ži¼Æā†¶ā¶ç”`ā°ç°¶ā¹|é
—çŽ 3. **ā®šææYæŁæYæšYāš`**i¼šæ`ā¶æ®æYçæ« HEARTBEAT æšYāš` 4.
ā¼~āÆ-é...¶ç½®i¼šæ¹æ®ā®žé™...ā½¿ç”`æf...ā†µā¼~āÆ-é...
¶ç½®ā¶,æ° 5. **ā...

³æ³¨ æ•æ®®å®®é| ^**i¼šæ¹æ®®æ•æ®®®å®®é|^ä¼~åŒ-ç-ç•Ÿ ###
æœªæ®®Ÿæ-¹å®®‘ - æ•æ®®®ä»àèj¨ ç>~i¼šå®®-è§†åŒ-æ•æ®®®å±•ç²º - A/B
æµ«è¨•i¼šä¼~åŒ-å†...å®®¹ç-ç•Ÿ - é,®ç®±é†æ^i¼šå®®Œæ•çš,,é,®ä»¶ç®iç† -
è¨•å¹³å®®å†å®®i¼šæš-éŸ³ãŒ®B ç«™ - ç§®åŸŸèèèŸi¼šéŒžä¹|ãŒå¼®äèi -
èèœç¨«å®®ä½œi¼šæžšå^¶æ%œœãŒæ«ç...šãŒæ“ä½œ --- **ç%œœ^æœ¬**:
v1.0.0 **æ›æ-°æ—¶é—**: 2026-02-20 16:50 **æ-‡æjåå—æ•œ**: 15,000+
éµæ•œ: 20+