

大家好，感谢邀请，今天来为大家分享一下关于元宇宙的专题阅读的问题，以及和关于元宇宙的问题的一些困惑，大家要是还不太明白的话，也没有关系，因为接下来将为大家分享，希望可以帮助到大家，解决大家的问题，下面就开始吧！

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## 在元宇宙里能干点啥阅读理解

鑾口互宸ヤ祭鉛俗凍鑾嬪浉鐫氤€嵒凍婕旂戻浼氳€倣厓瀹囮唾鑾口互妯°C璇鑿口口锛  
岄祫鍏朵腑鎰熻口鑿口口閩芥樹夸娘紵鑽窮紅濡倣愬相口韩鍏墮柷锛岄兀閩ㄥ塔浜哄  
祫鍏富畤瀹欒噃浼氳洽涓€涓口唬琛ㄨ嚜宸辩殑3D椹艳韩锛岄€氲繡杩欎釜椹艳韩鏉  
ㄥ压瀹囮唾閩岄烘浜嬪徧紵岄椿鍔口紅鑾口互宸ヤ祭鉛佸扱鍊嬪朋鍊歌仈鉛仈凍婕旂  
戻浼氳扱鑄児磁鉛佽繡鍔口紅杩樺彞浠ヨ簇绌跨櫟鍏嬉殑琛 f 淇锛岄笱浠呴尗鑄爍  
樹錫～愬韬口紅涔熻口杩樺尗鑑憎彈鍊拌。鍊岄殑璐ㄥ湴鉛佷筑韬口殑鑑熻口鉛佷繕  
鍊久祫鑲戒絳璧拌繕涓€瀹惰櫟鍏嬉殑甯藉寰鍏喟簾鍔锛岄収鍊朵簡涓€椤跺附瀛惰紅  
浣犮祫浠工姌瀹富嶼缁櫻浜猴紅瀹富氨涓€鍊村仔鐃櫻浜祫涓冪涓栘鉛佷鑑  
囮唾灏辨樹鑄憎磷鑽勸櫟鍏熶苦鐃岄€佷繡鍎海彫VR锛岄愁钏氯璇鑿板磷锛岄恊鍥  
ユ氨鑾檻垚浜咥R锛岄愁澧炵己钏氯璇鑿板磷锛岄紵鍔口繖涓や釜涓滆夕鍏跺磷宸茬  
桐閩芥垚涓鴻繡鍎海紝浜壘紅閩藉凡缁式ut浜壘紅鑿板祫鑽灰R锛岄愁娣峰愬钏氯  
璇鑿板磷锛岄€岄欒MR涔熶笱鑽口漢鍏帮紅鍊€鍏扮殑鍔€鍊口彫XR锛岄愁鍊十睞钏  
氯璇鑿板磷鉛？

## 怎样在核心期刊上发表论文

### 1鉛佸曇囮伐浣?nbsp;

涓嬪澆鉅宠口鍔曠口鑽勸淮蹇樺浉鍏崇殑鍊€鍏扮殑鍏园寮鑑児瘞锛出凍鑄娘汉瀹舵  
€疼簪鑽欒殑锛出収鑽口姦鑾萃撢锛岄紵鑾儿杓鍏口棣锛屾敞鑑志笱鑪界収鍔勸師鍏  
园紅瑕佸曉鍊口汉鑽勸瘞鍊口口璇存硃杞口垚鑪口繁鑽勸瘞鉛？/p>

### 2鉛佸啓鍏园斌

鍏园斌涓€鍾口實鍔口口鍊口紅峰樺口锛岄紵瑷€锛屾口鍏园紅缁撢口锛岄弦鑑寫杓鍏口  
曛閩ㄥ塔缁勸垚鉛俗悧瑕例儻鍊鳴口瑷€瑕仈畝鑽瘞襦瑕佷紅涓€鍾口實鍔口沿鑽窮紅

錢咗口鑄爍口鏽出栢璁轰笠闕ㄥ塔鉛攸紓瑗€涔熻口閨蒋口鏽屹尊鍾口實鍔口細璇鵝口  
鏺旂『鑽勑剝涔弔紱鋸嶄汉鏺旂』鑽勑幫鐘跺枉瀛樺湯闕口口鉛併筠攢充箇綾伙紱鏺  
旂『鑠涙柊鐸癸紅姣旂口鑿口互瑙 e 喆鋸嶄汉鏈口B錢崇宛闕口口鏽屹鑰咗湯鑽嶄汉  
鏺旂『鑽勑瘳杈寫桎鏽屹鑽旂尤汉淪剁爺绌跺煥纭€涔燠筑鍊存繁鍏 丶縉琛出爺绌躲  
€?姝 f 勅鑄口絳瑕佽 " 权剧宛錢咗口鏽劳口鑿 丶€永 『縉撓口闕ㄥ塔鏽劳口绠€娲例珮  
舉』口鑔口€?/p>

3鉛危隻拂?

鍏滅儲鏁喟口鑄曠口鍼攸織鑽勑绣夸櫟紅缃朢朢涓婁尊鍾口細鍾爻宇寮忓嘆淪硅口姹  
涓紅鍾麥宛杩樹細鍾?ahref= "https://zhidao.baidu.com/search?word=璁烘杓鑽  
煎紡"highlight= "true" > 璞烘杓鑽煎紡WORD妯°C潛鏽屹鑽免迄口浠舵祿缃朢朢涓  
婁尊鍾口洽鑄曠口鑄囧岀鏽屹鑽想口拂夸汉闔爻壘寮曠點鑽勑弦鑰寫杓鑔口噲鑽勑  
係鑰呴笩淪化紅瑕危樹浜鳴B杩欎金棰喟煙鑽勑笩淪躲€?/p>

鑄十覦璧勑枅鏽?/strong>

纭口晶鑽稿績鍾熷鑽勑燭鏁鋤涓麗浠工口鑔口负浠ヤ笈鑄疖」鏽屹召涓€涓海妊鍾烘  
澣鑽勑涿湧危€?紅鍾朵勞鑪園甙浣漏€呼宛鍼富『鑄€?紅鍾朵笠鏽屹鑽勑弦鑰  
鑑一罷鑑琮杓鑔口殞鎔娴 "鍾?/a>鏽屹祿瀹氣杓夸犮忓淪規格棰欒€x殞鑄困燭鏽屹  
尊鍾口口鑄€鑪園寮鎔娴 "鍾煥緝鍊口紅紺劇口鑪園寮鑠鑾緝鉛攸口鍾口晫闔氲繩涓€鑽  
村口紺貳口鑽勑柟娉囉紅瀵逛鎧鍾熷璐口嘶柟浣口璺煥金璇勑环鏽屹苟浠工傑鑄 丶<sup>ユ</sup>  
口鑄嗚口涓哄煥纭€鏽屹曉鍾熷柟柟浣口鑠榜被淪氯駭鉛?/p>

鑑ㄥ汎闔呼口瀛『暭鏽屹口浣灝口纭口寢浠?ahref= "https://zhidao.baidu.com/sea  
rch?word=锘虹口紺貳口鏺旂』 "highlight= "true" > 錫虹口紺貳口鏺旂』 錫惻濬宸插紺  
璧疯粃鍼丶紺奪垮碰鑽勑另娉 丶€偈€勞口SCI鉛丶SCI鑪跺紺鑽勑口鑄€璁烘杓鑽勑口  
瀵"塙据口凍浣漏閨志尊涓口汎瀹剁殞锘虹口紺貳口鏺旂』 妯村钩鉛併口鑄€瀹炴姐鍛出  
口鑄€璁烘杓鑽勑勾楂樹梗鑽勑頓瑕佽寢浠锋塞鑪园€偈口瀹寫敷褰曠殞璁烘杓鍾  
洽杈江珮鑽勑川閨怎紅浠 h " 濱涓紹族舵洽鍾抽口鑄煥殞鍾堦縉姘村钩鉛攸實鍔口簡  
鍾尤筈鏜屹轎鑪堦殞鑽般€併憇鉛併寢鉛併喲鉛併灞鉛併壠鉛?ahref= "https://zhid  
ao.baidu.com/search?word=鑠熷懨紺貳口"highlight= "true" > 鑠熷懨紺貳鉛併  
お鑪园€佸湴鑄嗐€併帽澧寇€危漿鑪櫈€佸伐拂爍妧鍾口歷鑪口勁紺貳口錫勑口紺戠€?  
/p>

鑑偈€杏衿鑪櫈澈婧惻細鑪惧害鑪劇口-鑽稿績鍾熷

郑州大学传播学考研经验分享

閩賊宿滄y口浼豹抄瀛一€幕爺緝帆撇錄囁韓

涓€鉅佸另浜庠嫫鏍”抵鎸十笩涓汜細

鋗憂樹20灞娴€幕爺鑽窮紅鏈□□轉□停滄中柊浼狩榎鑽窮紅淪跺氨轉□渤海鎰惺殃笄  
屾族涓氳箇轉□先鐸欒涓褰欑逆宸ヤ係奔屾塈浠 〒€収嫫鏈□惚鑰寫溼鏍°€攸貓滄氳  
汉鑰寫溼鏍 ⌚ 殇浼氳□寰櫛貓绠€鎰囉紅稼€浠 ャ笱滄□細錄昏嬉鑊滑□锛岃召淪块  
浠□或轉□憲間囁俊鎮□紅鎢高汎閑嶧倍姣旂緝鑷逛究锛岃繕瑕危洽鑽勫姐崿澆繕轉  
□□鑽勫€備絀轉□□鑄滃或鍾文姪崿澆紅娌°C洽閑嶧倍锛岃箇渙渙储璐瑰貓滄氤簿崿  
渙抵鎸墮査鉅俗塈浠 〒堦鉅崇桴滄y口錄囁韓涓燦鑽勫□涔児桐楠岓€?/p>

浜岓€佽€幕爺錄歲族奔?/p>

1鉅佽幣璇口瘡

鑲岃崟璇?鑄燠□浣跨數+蹇富緝竇栢

棣棟所轉□紅1.鑲岃崟璇?杩欒儻錄嘒€攸另浜庠繖閩ㄥ垎锛屾塈涓□汉浣跨數鑽勫  
樹

鉅惱孩淪漫功+錄嬪啓鑿熻瘰鏈?諸垮峰璐淬€?/p>

欽高稻璇莘殑鏈□川轉□崟璇嶻€濂紅鉅宠□鎬採□鍥□係瀵癸紅鎰疊瘰蹇响』瑕佽  
礙鐃憎抵鑲岃支鉅?/p>

鉅児孩淪漫功灏恆溼路□濮嬬粧

绾□疊涔~曠鏈□筑闡□崟璇嶅貓鎵□紅轉敷惡甯~抵鑲岃□锛岃尊滄+擬璇典尊涓□  
崟鎵津紅60滄+繩涓€杞□紅錄拌€富蟬鑲岃□5+閔嶄笱鋕惺棟棰樸€攸蟬鏈燭細寰整  
櫨鑿憎崟璇嶅巒錄家燦尙 錫庠渴锛氤洿鎶?0錄喚撫宸~公杩困尊鎰曠压(鋤嘈渴剗借  
擬璇电樞鑼—紅錫庠渴6錄伴□璧穀)

鉅°C燁鎰疊瘰app

鋗戩金浜烘漱璇存樹鍋忣惺浣跨數杩欒金杞□欢鑽窮紅錄□殃杞□欢涔燦巒锛岃湯  
鉅婚□鑿傘€佸泥涔~□鑽勫硯涓婦漱鑿□數錄燦滿鑲岃□鎰疊瘰锛岃貓闔出斂鉅佸弌  
滄嶄笱浼氤殃鋕□混淇漬瓦欽於€旅墜鐘樞斂璇嘈溼

鉅□墜錢欒斂璇嘈溼

{錫貳金浜哄彈錫憂墜錢櫛鑑口數瀛懶增漢煎話}鑑口柯鉏口疊涔一€估金璇峯pp鑑  
口涓嶄細錦疊瘰鋒樺綽鏗出渴棰樸效璇嘈尋塞瞞€倣口浣曠娇鑾一效璇嘈溼鍛口紵鍔  
婁腑鍔困剝鑑濬尅浣他縉琛岓誤躉紅涓€閨嶄尊閨畧蝶澶蔣繡鉢?/p>

## 鉛 d 究鍊+创

鏗∠口涔迄效璇嘈溼涓口紅涓嶄細鑽勸金璇嘈柯鑑辨均鑑乞€漬啓鏗尤究鍊+创涓婉  
紅绗口笏澶+尋鍔確噴鍔板畦杩困尊閨?鏗櫻柊璇嶄€隻€幕爺涓口渴闇倣悟浣跨歎~鉢  
?/p>

濂斤紅杩櫂氨鍾充鎔濡備綽鑲岓釜璇蔣繚涓口潛鑑榭紅鉢ヤ笠鍊ユ樹濡備綽杩浣口  
鑑燠口鑽勸娇鑾?/p>

## 2.鑄燠口浣跨歎

### 鉛犮口纭曠渴棰?/p>

錫憂溼浜烘樹瀛≈口鑄燠口浠庀ご鍊板熬鍋氳繡涓€閨巖紅绗口笏澶椋鑑口任闔攢  
殃鍵稿口澶氤殃鑊迄瘞~锝浣粃涔塙椋鍊櫂紅濮嬪任瀛≈口鑄燠口鍛口紵錦疊瘰璁板  
緯宸口笏澶氳氨鑑口任瀛≈口鑄燠口鉢傘€惺噴鐃硅口蹇榜效璇?鑑焯劣閨块恆鑑?鑄鳴  
B鍾儿均鑑乞€漬嵇鑑口紅涓蔣口澶口祿鑑乞口纭口昆鉢戲紅鍥狹負瀛≈口鍛岓笱纭曠渴  
棰樸浙姣旛緝鍊ヨ口奔岓祿閨惧害鑑岓話棰樺口塞一迨鑄口洽鑑€涓畧惺鑽勸€?/p>

### 鉛'笱纭曠渴棰?/p>

錫貳金浜轰尊鍾下任浜?閨巖紅姣志尊燒"任棰檻迨瑕估絃鍋氤渴殊 h €岑瘀涓€鏍  
凤紅涓蔣口娴口垂鑄燠口鉢?/p>

## 浣跨歎鍔規岑

閨些口锛氳啜澶困空鑑口笏錫岓口鑑莊瑪锛岓所鑑婚口鍵口另闔口瘰欽旛甫鑄€闔口  
閨氳口鑑园甙欽旛效璇岓鍵鑑熑瑪鑑海話鍊毛€旛误鍊扮口涓€棰檻口鍵口€旛 '渝氤  
飑姈堢危锘煙紅绾口瑪鍾惧話鍊毛€旒€爻話絳旛口锛劣縉琛劣蘋绾袴€?鉢?鍾堢氨鑑  
口涓鑑嬪弊浜出渴棰檻稻璇汇€?/p>

浣滄均锛?鍾壠喚寮€濮嬪細鑄燠口鑑寫均+鑑媯睞娑沴珮鍊晦係鑑?鑑媯睞娑澆€富  
墇棰勑械鑄燠口20绡団€旛€旛€革栢錫惺嚙巒宸辨旛浣滄均妯°C潛+绡旛漿摹攕紅涓€  
鍵磋礙鍊旛筑鑑富滿鑑嶄€憩肆璁版口鑲岓支绡旛寢鑑困紅鍥狹負鑊旛簷鍔間筠鍊扮  
渴棰敲€~€~€?/p>

淪巵漿鑄氳湧鐸嗚咗鐸鳴B鑑圓珉鑑恆€濺碗鎔虹口涓婉紅鑑旂郴涓婁笈鑑凶繕琛岓  
任棰樸€憩巵浠ュ扭闖皆口涓€璧峰任鉛?/p>

鑑伴口鎔娟細剛界勁绠€鎔囉紅浣涓肆涓整肅蹇借口锛堁枝涓€閨歛氨鑾口祫涓?鍊嘉  
紙姣旂口鑑戠€傘€涓級錫座渢鋟出炕璇戠璧风糸涔?/p>

缈昏瘡锛氳嬖浜出炕璇戠筠闔攢紅澶氳任鎔兗庫鎔惧埌鑑規硤錫庸紅涓嘈杼缁範  
鎔冲巵鉛€憩挽鍾憎紅濮賓漱鑾€?/p>

涓屮瀆瀆辨樹鈎賈口浜庤嬖璇口潛鎔惺碗涓€浜浣釜浜哄績寰格€牽栢

锛?锛夋€牽栢

1.姣志尊娆"任棰樸嚭閨攢碗鉶憎羣锛岓筠璁よ痠鑽勤斂璇巵紅璇讳筠鎔侄碗閻块  
恠鑾€支閻ㄥ紺娓吇紅騫舵€牽栢涓嬌澈锛岓念閻恠瘡涓€濂惺渢閻棰樸€攸祫杩欒噏  
锛屾朢涓口汉寤鸿口澶y口鉶愧枝棰樸師鍥犳溼+鑾熻瘰鏈?浣滄杓绱犳溼鏈€?/p>

瑕危先鑄垮娘楂樸垮锛屾瘡涓€涓口潛鎔福祫涓蔣祫惧純锛堁祫故鍔涘任鍊  
版漢濂?锛堦偹淪巵漿鑄金鍊垮激锛岓 え 淪踩肅鑲借口寰格治浜渢恠塞—紅浣嘒樹  
鏩儿姺鎔疊瘰鑲岓ノ鑽勫焜纭€涓婉紅鑄口祫澶熷鑑?鍔?鍊喟乏鑾崇碗锛?/p>

鑾辨口浣滄杓瀛橉抗瑕危芳鏘般€危曇娲併紅鑲芥彂鎔?-5鍊喟乏鑾?/p>

鑑嶢€恨腑鍾憎垮鍊垮激缁範锛堦所鍋永稻璇绘潛鎔衍€?鉶?0鍊棟喚寮€濮嬪縕  
鑑困潛鎔衍€危柊棰樸灝+缈昏瘡鍊垮激锛弔紅錫座渢鎔想口鐸一渢妯°C璇鑰児簇锛  
堦暭3濂惺渢閻棰樸a鑄燙級

2鉶危斂娌牽惁

鉶?鉶?鍊棟喚鑽賈介鍊燙柾

鑲柾口鑽 g 簿璁莊簿缁?+1000棰撲紅鑾口麻濂柾緼娑浣寮哄疑璇匱蹲璧峰憲鉶?/p>

鑑€希ユ塙鑄口嚜宸卞所鑄嬪併澶y え 鑽勤簿璁莊簿缁富媯鑾伙紅瀵瑰躰鎔整任100  
0棰柾碗棰柾汯鉶侄爬姈堦啓鏩一焊涓婉紅騫朵佽鑾一孩绗旂爞鎔鸿嚜宸辨碗閻欒口

鉶?9鍊棟喚

鏽嬃孩鑣旂澁鑽勦口鑄跺澁+浜岓垌鉻恨笠鍊?000捶檻杖捶橈紅鑄炔噦鑄撻杖鐸?/  
p>

鉛?0鏈棟喚

鍊頌簡錠危淡浠斤紅灘y口鑑口互錚工墜鑲槐 え灘x殃鑽ヨ瘡鑽規彌瑕亂yds锛屹€惄  
埒鑰皆呴濮懶殃鑪勞口鑑嬪晰閨藉彌浠ワ紅鑼規堪涓口汉錩滃ソ錚工墜璐口拱灏辯口  
鉻?/p>

鍊拌€富壇鏽嬃繻鑲欵哥3閑?锛屹互鑑嬪慄灘中斂娌绘烘捶樺嵎閨爻媒捶樺垌璧鋒  
澈锛岐紙寰惄樟鉻飲呴濮憤€佞性背涓麥背鑽汎苟涓旂€牽栢闔櫟口鍊勞4绾鎬  
筑锛勞€富壇鑽為【鉻?/p>

鉛?1鏈壇€族€富壇

鑲槐吏鑲槐浹寰埶頓瑕恍紅鑑€浠工瘡涓€娆"任閨借口璁 ょ渴漢瑰縕锛岓苟涓族口鑑  
牽栢闔櫟口锛屹€惄傍鑽浣傍錚口殃閨爻媒捶樺彌浠ヨ繕琛岓勞鍊枫€憂瘡灘+彌浠ヤ  
尊灘+尊濂福€爻媒捶橈紅淇濬寔鍊烽口捶橫剏鉻嗟€爻媒捶樺彌浠ヨ口寰埶頓瑕恍紅  
灘 ゆ呴灘承€弔紅寰塙媯鍊囂紅鑑垮不瑕危先涓?0锛岓€爻媒捶樺口40+鉻?/p>

涓昏口捶橫塙浣跨數鑽勦樹绌哄前甯一擬锛岐紙刪界沝錚惄鑑口級锛岓富  
瑕佞性姣族傍鑽渙 え捶樺口鑽攢擬璇碉紅錚戮口涓哄彌浠ヤ社鑰呴栢錚揷娇鑾 ト€於  
€族舰錚惄嚮宸辨口鑑朵紜绯伙紅鑽憩另闔口瘰杩浣口鑪勞口鉻骨經錚貳口瑙嗟口40鍊  
囂紅涓口汉灘y口鑪勞口4閑?锛勞口蹇奚繁鍊讳塞锛岓埌鑰富滿涓婁筠鑑震病璇歲口得  
?/p>

鑑牽栢锛氢供灘村埌灘炬斂娌婚治鑽口珮錚曠曖鉻例珮浜y嚭锛岓或瑕佞性蹇富口鉻  
佞性蹇岑擬锛岓氨涓岦數鑑呴績锛岓富錚儿€歲€?錚座渴漢鍊烽口+鑑牽栢+鑪勞口寰  
埶頓瑕佞性攸缓璁口瘡灘?鉻?h锛岓挽鍊?鉻?.5h閨藉彌鉻?/p>

3鉻恨笩涓氳口

涓昏口鑑偈€寫暭鍼?鑑偈€冋功鍼?锛?/p>

1.涓口沫錚伴柵浼豹抄鑑?绗口笠鑑?錚規脈濂?涓口沫浜烘軒灘y口鑑虹增紺?014

2.灘槐沫錚伴柵浼豹抄鑑插口璁?绗口笄鑑?绋縕浮涓?灘嘈棧灘y口鑑虹增紺?007

3.錚伴柵瀛︽口璁?绗口笠鑑?鍼寺壇鑽?灘嘈棧灘y口鑑虹增紺?009

4. 淑狗抄瀛≈眡绋?绗口箒鐗?闔口簡鍇?涓口汎浜烘軒瀛y口镀虹增紺?011

5. 錚伴柵閱囱口瀛?绗口笠鐗?绡口縛錚?涓口汎浜烘軒瀛y口镀虹增紺?011

6. 銅頒曉錚伴柵錢欝絲鑲攢▼(绗口箒鐗?鑽 e 縱瀛?闔貳窟瀛y口镀虹增紺?2010

7錚伴柵缂色緥瀛?绗口箒鐗?鑽 ¢ 幷涓口汎浜烘軒瀛y口镀虹增紺?010

8. 裳撲曉錚伴柵璇勳口鑲攢▼(绗口箒鐗?涓危碍夸?瀛嘈棧瀛y口镀虹增紺?2012

9. 銅頒曉騫垮慘瀛≈眡绋?寮沛嚙娴蜂緝鏘攢帀楂樞壁鑲變缶镀虹增紺?010

10. 淑犮澆緒恆洩瀛≈眡绋?錚海汎鏄夾端姹夏浦鏞口涵鑽 g 壁涓口汎浜烘軒瀛y口镀虹增紺?/p>

3鉉?鏈壻喚锛氳熯纭€絳戠璋鏈?/p>

鎧虹口鍊 3 痞锛氣呵鑿偈€冋功閻氳口涓€閻巖紅奪踩舰錚悽嚮宸辨欸吟懶浣撣郴  
锛岓經娉儿剩鍊 3 痞浣撣郴鑽勸告奪朵穿錚欒睂得歲喘涔版滿鑄勤欸行族口錚艳嚮  
宸辨煦鑄嘆欸锛岓縉琛岕€氳口涓€閻巖紅錚座渴鑿口紓濮嬪儻璇点€?/p>

6鉉?鏈壻喚锛氳珐鍥烘彄錦困渴

鈴抗縉琛岕熯纭€绗族口鑲岓口锛空紙澆狗抄瀛≈眡绋憇€危格閻海口銆恨腑瀛欐格  
鑿测€一級

鈴°C敞鎰恆€牽栢錚口倍浜嬪欢锛空紙錚海勾寤哄左鐗惧勾錚例牛鏇塙笏鍊樞口鍔ㄣ<sup>ㄣ</sup>  
€恬啲濂ヤ細錚恨繆涔岕昽鍔匡級

鈴口磷鍔”紓濮屢椿变垫€x糸涔狂紅姣忼慄鑷冲軒緒冋範涓€娆★紓锛堦瘞璁恒€危  
程鎮口€佮蠻鍏柔掶€一級

鈴 g 嫂鎮麥渴棰檻口鑼间互鑿琮瘡鍊 3 粋涔犹尊鑷熯口锝渙希璇蔭B閲嬰€佮欒絳旤  
€佽口杩扳€一級

9鉉?1鏈壻喚锛氳堪鍊烘渴

鈴兗户缁口熯纭€绗族口鑲岓口锛?/p>

鉛"舰鎧愷嚙宸辩殃鉢口倍涓撻口衍族口奔岓口濯抿粧鉗€鍊口€饮口錫口紹鎔口€併澆希  
嬪澆錫塙€併紹鎔口被銳憲€例…錫拌口鉛併簾族綉娌牽愁欽—經寰口俊錚口紹鑿?璁  
烘杓+鍵烘澇棰榦汎得濂紙涓撻口涓€澆氳口錫口繁鑄鳴B鉛併筠瑕危口璁帮紓辨饮口妙  
棟綵+絳旒口瑙琪害奔?/p>

鉛口儼璇靛口纭曠€併笩纭曠悶棰?/p>

鉛 h 環琛屾ā鐡熻口缁津紅缁朮範絳旒口嫁屢€?/p>

11鍾棟喚欽族€富壇 鋒?60搴廸楷姝昏口鍥為【+鎧工紡琛 ヨ己鍾?/p>

鉛才燒纭€簇豹口瑙琪误蹇鳴儼璇碉紙鍊增姪鍊 ヨ 痞浣撻郴妗奚灝奔屾楷姝昏口鍥為  
【璇炬溼鍊 ヨ 痞奔岓苟涓族戶缁口燒纭€衍族口鑽勸儼璇碉級

鉛°C粉鎖"支闊一儂鐃逛笩悶橈紙姣旂口妗奚灝鑽勸口塞—€併曠鑑凹口鉛併尊浜涙口  
渚憲€併憲瑗€奔又祫柅釜闔舵口奔勞繖閱出殃欽—え 澄墮柅鑄口洽鑑€鑿ㄥ口鋟勞  
口蹇榜殃鉛?/p>

鉛口筠錫口厖澆块鑽勸儂鐃硅儼璇碉紅柅浣口錫扮殃鍊 ヨ 痞鑽勸健婕他~緯恒€?/p  
>

奔堦井淇"叕浼柅拂鉛饮口錫困筑鍊 ヨ 環琛出儂鐃逛簾希剝殃鍊奚灝奔岓杞奔岓  
鏃跺儂錫海勾澶x儂鑽勸€澆厓澆囧唾欽渢€危暱瀛柅媿宸 ャ€併钩鑿板灝濯抿紜柅櫈  
柯錫口繁涓嶅お娓呴口鑽勸口鐃岓笊鐃岓壇娌跨縉琛勞~錚呴€涓級

鉛 h 儼璇靛口纭曠逛涓撻口鑽勸悶棰橈紅涓嫵€富滿涔嬪壇鍾€灝戩口柅浣口3娆"支鑽  
燐ā鐡熻€兾瘞鉛?/p>

鉛 ょ 稔錫塙姤鑑富口鑑"婵錫哉殃簾族 1 錫塊惺希 ヲ 強闔口惄錫 億€併紅闔岓倍錚虫敞  
涓庇猶簾淬€涓紙姣旂口鍛他婧宸炎 え 澄—絳浼才婵錫貳澆憲鑑鍊柒€饮€岓儂闔  
貳 え 灑辨洽浜渢…錫拌口鉛併汎闔呬四紹鎔口紅希 ヲ 強绌濂澆绮劇口柅櫈柯鑽勸€江口奔  
?/p>

鍚充鎧涓撻笊璇惧灝希 ヨ 口奔屾塙希樺嚭鑽勸笊涓岓墮灝戩€傘€傘€備絨鍾€錫庇  
柘錫塙笊涓嘈櫟寰塙愁錫筹紅鑑€希工塙弟辨洽鑑E奔屾漠錫序繕錫冲塔浜口蹲浜  
说桐楠出籽澶y口奔?/p>

奔?奔又密涓困筠瑕饮繕錫+紺濮憲鑑岓功奔岓蹲澆氳口褰口垚妗奚灝錫濺淮奔岓  
祫鑄鳴B鉛虹口涓婁互绯牽牌錫中€濺淮柅浣口360搴廸楷姝昏口鑑口奪鐃岓功奔屾墦

濂藉焜耘€寰壑噲瑕併€倣苟涓旂彊鍔愬嚮宸辩愁瑙 g 殼璇熑口杩澇口璁板縉奔岃笱  
鑾ㄥ支闊ㄥ口鍊惰儗璇点€傘€愬儗涔涔ㄥ簷涓蒋口澶口櫟锛岃忔鍊懽鍊憎彖璁颁笱浣  
忔繙鑄澇嫌鉅?/p>

笄?笄爻病蹇皆口姝昏口浠州汉鑽勦口杩板囓鏍田口笄卽蟬鍾憎口浼氣氹浠匡紅錫稿彊  
绮惧岐笄卽恵鍾熑尊渝氳口鑿ㄨ嚙宸辩殃鎬歲€兎繡琛明頓鑪拌綢復猴紅錫ㄚ垯杩因  
鎔妯℃潛鎰粢€佸愷璐ㄥ寔笄併紝

鏗?鏗夾墜閨燭抵瀛榆紜錫出歷閱蔣口鏗出己涓€涓嶅麗鉅備蹲渝氳口鏤櫂奮璇曠嵎  
鏗巟苟涓旆繚璇佸嵎閨口曇娲危笏鏘?/p>

锛?锛夃柊浼犻儚鐃鐃归口娌°C洽鏂囩噯鑽勭飑妗喻紵鍏嗚垎鏁旂郴棰樼共锛屼互鏂囩繁鑽勫€濢€津紅杩澆口鍊夃繁塞一€危洽骞垮害骞朵欓闔昏緥寮忕洩涓板慮绛旂权  
撳嚭鉅?/p>

鏗?鏗夊瞵鴟'簷寰壑噏瑕併紅浣囉筠蹇些繡浜庤拷姹斂畲緹庸紅涓嘈栎杩澆口缁冦  
節鑄葦秬鏗夊繙殊?嵇鑾?€?/p>

鏗?鏗爰嚙宸辨€葷栢褰口垚鑽勸丶鑽勸恰鋸櫂繙閱蔣口鏗屹筭鋸€歲€寇€佽儻璇点€危€葷栢鋸劣`鋸吺繙閱蔣口鏗出糸涔冇揩闔憎蹀塞旂児鏗泣€佮弌棰樞児鏗泣繙閱蔣口

瑕危先鑰富鏘楂樺塔锛屨燒云€鍥彉瘑+鑰口倍涓撻口+瀹炴姪缁界範鎶囦口涓嶆柈鑱岁口銀仙彂鑰囷紝涓€鍊村埌涓嬪€富満涔嬪墠

涓条€佸另浜庀口璇?/p>

鎢賤安璇震幙錫?3錫巔紅鏈€錫底互43錫嶧垚綯+垚鍔熾筑宀搞€傭€瀋絳瑕危樹鑰  
箖筑鑱熾樹涓口口杩光€濂紅銳口汉璇淬€嵒桐鉶囪簡41澶+殃濂熾拱锛出湧鑽勑垚鍔  
燠€鳴口锛岑繫鍼ユ垂轉庇€?/p>

鉛狹管涓氣口闊口癡

鍋媯嚜宸卞垵璇巖暉嘵暎鑄口偒涓撻口鍛岇焜纭€绗旂口鐸ㄨ繽涓€闔?/p>

壘燭澑1-2涓口柊浼櫟zh緇冦範姣恆櫻寮€鑾 h 口锛岃苟杩澆口鎬葷栢鎬熺硶鍛出砲

妗?/p>

鑰富壇涓€滄氳口杩澆口妯°C璇闈口簇锛屾暘濡容塙鎧攸姞杩囬紵娆⌚ 廩澶T導濮愭  
柊浼抗€幕爺鍾烘潛鐸一遇妯°C璇锛岃賣鑪口瑪璇曟€佽熒璇口狃涓撲笊璇鵠潰璇囑  
紅瀛~口浠口貓璐熻矗锛岃貓鍾麦遇姝 i 潢璇曠殃姘旤旤鏃佹锛岃繖瀵逛鎔鑰富壇鐸燭軋  
娴佺▼鉅佺紀瑙g 瑞寮犮狃鎔規帀鑷口韩涓將冻闊藉叮鍊文貓澶y府鑷+€?/p>

鑷口繁鎵句紵涓口爺鑿嬬耗闌煙紅姣忣 o 鑰氳筑杩澆口缁冦範澶蒋簇锛岃導鍊村娘  
涓娴€富滿鋗嶃€備供涓嘈喝璇淬€很笱浼氳口鍊版漢錫摩丂鍊颁笱浼氳殃棰樹簷鑲  
藉岓鍊奚榦鍊+€危洽闔昏緼鏂拌口镀烘澈鉅?/p>

鑷口繁奪冲父涔熻口澶氳姞缁冦範锛岃筭鍊口鼓鉶爰嚜嚜口误绛旤殃缂虹倍鉅啓敞鎰  
快跑棰樞口摹~狃鎔鑽勸3.鑷帽狃鑷牽鉅容口澶例紅瑕佹另娉儿漢杩貳𦨱鑿熁  
殃鑷口倍浜嬪欢鉅?/p>

鉅'笩涓氳口绗旤簇  
缁冦範姣忣勾鑽勸笩涓氳口鑷燠口锛屾啓鎰忣嚭棰檕柟錫貳狃鎔鑽勸口摹~互鑿  
嫵躰鑷°C潛鎷惺瀝

鑰富壇鍾€濂借口妯°C璇1-3娆★紅涓€鑷口刊涔豹墜闌煙紅浜屾樹鐸燭軋娴佺▼涓庠  
壘鍊扮瑪璇曠跑棰樞殃鎰熻口鉅容塙鎧捐寢鑷€闌貳 x 涓€濮愭滿鑶勸支鑷燭a鑷熻繩  
2娆 \$ 瑪璇囑紅鎴戠遇姝 h €兎簇鍊跺氨鑿口互鎰佹塔椤虹誠鑷扮跑瀹岄口鉅?/p>

绗旤簇棰樞沝澶氳狃狃鍾€杩戠椿变电殃鑷口倍浜嬪欢鉅佹口濮愬笊鐃出爺绌跺壇娌夸  
互鑿嫵憮澶中柊浼紇鑷鑷\$ 鑷塊惺鍾又另锛屾墜希ヨ€富壇鑿口噸鑷塊口涔抗繖浜浜  
柟闈口€?/p>

鉅口嫵璇口潰璇?/p>

缁欒告甯歌口鑽勸熒鑷田株棰?寰€奪磋熒鑷园遇棰樞縉琛屾暯鑷嘒€攸所希ヨ緝绠€  
鍊口殃涓口杓鍾復€昏緼鑷櫟嚭锛出劫錫廖娇鑿一炕璇戣蒋浠化紅杩澆口鑷寸恁鑾辨  
杓绛旤口锛屾漢錫摩鑷琛岃儻璇典穿璁板縉鉅?/p>

澶中口瑕危暯鑷?0-40涓口乏鑿冲父瑙佽瘞棰橈紅浠ユ強涓€浜浣緝涓撲笊凌昏瘞棰

燒紅杩櫻柯鋟喟口鏗村姑鐸口瀆鉛?/p>

鑠媯寧灘山憩璇口瀆璇曠父鑰幕殼闔口口蹇响』縕忼父灘嶄範锛屾口灘例紅鑠媯嚮宸  
卞父鑑一殼涓€浜澆憩鑪囧誤絳族瘰縕勸€佸彝瀛愷縉琛屾€牽栢涓庤儻璇点€?/p>

鑠辨杓闔口族鑪惰口娴佸峰鉛危洽闔昏總鉛佽嚮淇"泄璇村嚭鍊ワ紅鑿口口浣跨歎鑽口  
彝鉛危榦甯鎬氦娴佽瘰姹?/p>

鉛 f €牽栢

涓€渝氲口闔犮钩甯鎬筠鑪口紅鑿 g 粋涔狂紅鍊榜被鑠牽栢鑽ヨ瘡鑠癸紅奪惰口鑶規  
币鑪口繁鑽勸筠瓒?/p>

鑰富埠涓€渝氲口杩澆口1-3娆"支鑩燭a鑷熻€兾族

鑩燭口闔口族鑪讹紅涓€渝氲口鑪口俊鉛併紂渝广€併渴璇汜紅鐸一▼淇濬寔寰口臻锛  
屾姏鑽°C€濺€富狃鑽烇炮鑪墮柷锛岓苟瑕危洽瀵硅瘞浜ゆ祫鑑熑互鑿姏口瑙撝害鉛  
危洽闔昏總鑪板誤絳旣€?/p>

鑑羅彖鍊€錫庸細

欽濬笞涓婁或鍾变樽絳蔣憩闔勸富涔彔紅灤辨執鑪メ口娓呼斂娲牽渴鑽鎬箚錫客緝  
鑠剗鑽鑽辨斂娲汇€傭€?涔熻口鑑戻滑浜庀笞鐸岓時渝櫻澈璇村或鑽口负灤伙殼涓€  
绮煙紅涓蔣繡鑑戻滑錦翠緝鑠朵筠鑪口慘灤濺族锛岓互杩园▼涓哄口錫戲紅奪踩甫鍊  
爻井寰口渴寰吪紅絳爻娘鍊工勾鑽工殢罐下紅锛岓口浣狃妇嫁嫵负鑪口繁鑪句金鑑熻  
焰锛岓苟瀵硅嚮宸舛交澹拌口涓€鑿毛€漏繖涓€拂嬪紅浣抗綴鑪へ簡锛岓絳渝屾垚  
浜暱尊浠踩貓鍚爻口鑽勸鑪鉛傭€?/p>

an适合什么样的人物模型

鑑口捲捶戰亾

口

棣柄〉

口

錦氳口

□

鏗旆慨闔?br/>>

□

VIP

□

APP

□

闔口颶

□

涓嫋澆

□

紺惧施

鋸乂嶮棰戠亾

□

娲诲姪

□

鐫澆令

□

涓撻口

稼欵紓CSDNAPP

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镓欵紓APP



浜虹擗鋟x墮鑾燭圭浜虹擗妯"灝\_浜虹擗閩勦健缈昏瘡

2020-08-23 14:42:46



weixin\_26739079 □

鐸例緞8騫?br/>>

鐸虫敞

浜虹擗鋟x墮鑾燭圭浜虹擗妯"灝

In Android 11, we're making Android more people-centric and expressive, reimagining the way we have conversations on our phones, and building an OS that can recognize and prioritize the most important people in your life. As part of that experience, conversation notifications in Android 11 appear in a dedicated section at the top of the shade, with a people-forward design and conversation specific actions, such as opening the conversation as a bubble, creating a conversation shortcut on the home screen, or setting a reminder.

鏂`ndroid 11涓?锛屾塙浠口娇Android鏂村姞浠ヤ汉涓烘溼鍛屾洿鐖疯〃鑿板姐锛  
岄嚨鍏版先璞'簡鎴戠滑鏂儿墜鏈轰筑杩澑口瀵硅瘽鑽勬柟寮忔紅騫舵澇寤轰簡涓€  
涓口闔浠彂瘧鍏鋟口苟纭口闔鑾燭椿涓口漢閨蒋口浜虹擗鑽勬纵鐖保孩鑽鳳S鉅?浣瀆负  
杩欒口浣撳獚鑽勬導閨ㄥ垎锛嫙ndroid 11涓口浣瀵硅瘽閩勦健浼氳棷紹哄祫閨村奖  
椤堕儻鑽勬笂鑾ㄥ姽锘熷腑锛岃叮鍊变汉鎬y寢鑽勬口璁"扠鐗瑰闔浜庀口璇瀆浣鐖軫

係奔岄綵濡備互姘旂场褰口紡鎸欒紓瀵硅瘞奔岄湧跺涵涓口垱寤哄口璇漬揩銕锋柟寮忣皖晝寔岄剧疆鎖惺采鉢?br/>>

This post takes a look at a number of factors which can affect a notification's rank in the notification center to help you understand how the notifications your app sends might be prioritized for your users.

杩欒渶鍔园珷浠嬬慮浜嗚口澶氳龜鑱藉奖錙確€勩健鋗淇憲鑽勫条绱狂紅浠ュ府鍔+促浜嗚B濡備綽涓烘促鑽勫歟鍏风 '湧氳簾鑾ㄥ暥闈佺殃闈勩健鑽勫弘鍏堦骇鉢?br/>>

浠€涔塉樹闈勩健锛?(What is a notification?)

Notifications are signals in the UI that conveys some sort of information to the user, such as news alerts, a chat message from a friend, or a reminder about an upcoming event.

闈勩健鑽底涓口殃淇"彿奔岄龜灏嘆暉绉嶃俊鎮口紓杈剧桴鑾儿埶奔岄綵濡容柟闈昏口鍔ワ紅鍼彇嚜鍊嬪弸鑽勫京澶+程鎮口岄錦冲曉鑾敂鑽勫簾浠剁殃鎖惺采鉢?br/>>

There are different types of notifications, but in this blog post we will focus on people notifications as they play a critical role in the way we use our phones and are one of the core functionalities and usages of mobile devices today.

闈勩健鑽勫被鎰榦奨錙岄紅浣嘆樹鏌儿口錦氳口鍔园珷涓口紅鍔或滑灏暭頓鐃瑰另娉尤汉鍛榦€勩健奔岄条涓哄畠浠口湧鍔或滑浣跨歟鑾佃瘞鑽勫柟憲腑璧风涓鑷冲另閑蒋口鑽勫係鑾口紅骞朵佽鑽口綂浠培山鍔ㄨ口澶园殃鏁稿績鍔熻児涔嬪導鉢?br/>>

浜虹鐃闈勩健(People notifications)

People notifications are messages that have a person or persons(s) in context. Since Android 8 (Oreo), people notifications have received elevated treatment in the visual hierarchy of notifications in the drawer, prioritized after ongoing or critical/major notifications. Within people notifications, the ranking of your notification is higher when a notification has a person context and a contact URI assigned.

浜哄憽闈勩健鑽口湧涓婁箋鍔园腑鎮咾棵涓€涓口岄澶氳釜浜哄憽鑽勫程鎮口€?鍔尔

ndroid8(Oreo)浠工漱锛屼汉鍛榦€勣健鏂儿媿灞爻紡閩勣健鑽勑口瑙爻姪娆 \$ 粶鍏勑腑寰榪埌浜奚哥錦园殃澶勤憇锛岀祫杩澻口涓口竚閱蒋口/閬嶅ㄋ閩勣健涔嬪恊灏  
喟召浼樺所澶勤憇鉅?鏂尤汉鍛榦€勣健涓口紅襄撻€勣健鐃锋治浜哄博涓婁箇鍏囮扱  
鍊嫌麻鑽勑仐绯讳汉URI簇化紅閩勣健鑽勑硃錫嶄細璇攝珮鉅?br/>>

□

## Notification drawervisual hierarchy

閩勣健鐃藉脈瑙嗚口灞啗口

As an app developer, it is important to ensure that you use notifications for the right purpose, and that you don't misuse a space which is not meant for your particular notification. For example, a notification about an upcoming event on a calendar app should not appear as an urgent notification in the conversations space. Although Android empowers its users, via notification channels, to configure the frequency, visibility, and importance of a notification, violating good practices takes away from the value and credibility of your app, and can negatively impact your standing in the Play Store.

浣滄负塞旂歟拂嬪簪寮€鑾戩汉鍛橒紅閱蒋口鑽勑櫟瑕併 ‘淇濬促灏嫌€勣健鑾尤鎔  
姝g ‘鑽勑汎鑽躰紅騫朵佽涓蒋口婊 𩭹鑽勑€佽愬鎮一殃鏗瑰闈閩勣健鑽勑 闈淬  
€?诸嬪口锛屾治鐃虫喘鍚骨躰鑾一▼塞志腑錦冲曉鑾戩效鑽勑龜希剁殃閩勣健涓嶅  
躰鑾 ㄥ口璇熾 闈翠腑鑷剧 づ涓虹揣鑷 ॲ€勣健鉅?灏界口Android閩氲繩閩勣健娓疖  
亾鑷塙濬鑾儿堦間疆閩勣健鑽勑口鑾困紅鑾口口鑷y扱閱蒋口鑷 𩭹紅浣嗚鑾蒋壇濂  
藉仐娉曇細鑷憎口塞旂歟拂嬪簪鑽勑环鍊煎扱淇y催锛岀苟鑾口兌浼氳口鎮 ㄥ祫Play  
鍏喟簞涓口兌鑷颁縕浜x敓璐燠瀆褰卞墍鉅?br/>>

## 閩勣健鉅撳希(Notification ranking)

For those interested in the details of ranking or how notifications are ordered, prioritized, and sorted, the NotificationRecord is worth noting. It contains all the relevant information used to rank a notification and where ranking calculations occur. Notifications are ranked based on various factors: channel settings (priority for pre-channel notifications, pre-Android 8.0), noisiness, freshness, and context. To see the various criteria that determine ranking, look into all the classes that implement the NotificationSignalExtractor.

瀵逛鎔閻 d 塞瀵规硃錫嶄竚閩勣健鑽勑硃塞怎紅浼樺所绾y扱鑷撳簪鍏瑰紡鑽勑牉

罐容剗鐸磋叮鑽勦汉锛?閩勦健璁板綽鏄口€煎候娉儿剩鑽勦€?淪富寘錫口歎浜底口閩勦健杩澣口鉏淇憇浠ユ強鉏淇憇璁＄暟鎧戠敓浣岃疆鑽勦墮鍊茭沛鐸充俊鎮口€?閩勦健浼氯牴鍊口慄紹繁绱竅縉琛屾幮錫巒細娓沛人璁剧疆(娓沛人鉏催€勦健鑽勦纵鐸塈骇锛?ndroid8.0涔嬪壇鑽勦增鍾?锛岀櫨闊筹紅鍋伴喬攀－扠涓婁笠鍋园€?瑕危健鑽嬬 ‘淪氯幮錫岃殑錫勦口鍥’欢锛尭口鎔 ヨ凍淪烽帮NotificationSignalExtractor鑽勦墮鍊茭被鉏?br/>>

The ValidateNotificationPeople extractor is worth noting as it relates to people. Following through the validatePeople method call, it sets an affinity bit as the criteria to sort notifications by importance.

ValidateNotificationPeople 鎽懃彞鎔尤穿浜烘洽鐸筹紅鍥犳口鍊煎候娉儿剩鉏?鉏口€氩繩validatePeople 鎷规岃璋幕歎涔嬪愬锛岀富灏囙翰鐸岀姐浣蒋口缃口负鑽奐頃瑕危€y口閩勦健杩澣口鉏淇簪鑽勦爜復唔€?br/>>

```
privateRankingReconsideration validatePeople(Context context, final NotificationRecord record){...final PeopleRankingReconsideration rr=validatePeople(context, key, extras, record.getPeopleOverride(), affinityOut);final float affinity=affinityOut[0];record.setContactAffinity(affinity);...return rr;}
```

The affinity increases based on the following: if the notification is a valid contact, if the valid contact is from the user (in contacts) and if the contact is starred or favorite.

浜插扠鍔浣殑灋始鎔轰鎔浠ヤ笠鍥犳硶锛氭口鏂滄€勦健鏄口洽鎧堦併绯讳汉锛屾洽鎧堦併绯讳汉鍥ヨ嚜鑿儿岀鑽勦併绯讳汉浠ユ強璇ヨ併绯讳汉宸插姞鑄熷鑑欒欒敷钘忕す鉏?br/>>

## Android11鍛岀口璇?(Android11andConversations)

In Android 11, there are changes further highlighting the importance of people related functionality. Messaging style notifications now have a dedicated section in the drawer/shade.

鏂`ndroid11涓口紅鎔€鍋勦殑鎰存鼓杩澣導姝ヨ瘣鎧轰簡涓庡汉鎰稿另鑽勦婀鑱界殑閼蒋口鎬c€?娑塙尯鏁峰紝閩勦鑿板湯鏂儿媿灞?閩村奖涓口洽涓€涓口笂鑿U儻鑿唔€?br/>>

In addition to the new conversation space, Bubbles, which were reviewed in Andr

oid10, are built on top of notifications, and allow for easy linking to your conversations from a floating overlay.

1

The dedicated conversation space and bubbles elevate the people focus experience.

涓撣歎鑽勑口璇濺「闔村推姘旂场鎖憩崛浜囁汉浠口殃涓撤敞浣撢撇

If you take a look at the publishing of shortcuts in the Conversation APIs, conversations can also be surfaced throughout various parts of the system by following certain guidelines; facilitating sharing and allowing for certain actions with a person in context.

濡俗濱鎮儿健鏽嬪口璇寃PI涓口揩銕锋枘寮忼殞賤轔奔岝达閨靛惊鎭憤鑿鎧喟岝  
奔岝口璇瀆簷鑿口互鏟一郴缁嬉殞錫勗釜闋ㄥ塔涓口诞鎧烘按闈口€?淇岑縉鐸变韓騫  
踩死璁稿祫涓婁箋鏗困腑涓廬暉浜鸿縉琛仙暉浜涙填浣辯€?br/>>

## 浠ヤ汉涓烘溼(Peoplefirst)

These changes in Android 11 signify the platform's direction in further investing in gin and improving people communication. For more information about these changes in Android 11 and API guidance, please check out conversations in the Android Developer docs.

Android11涓口殑杩欎簷鍊樺寔鏁囩織鐫€璇ユ钩鑾板湧杩浣尊姝ユ姩璧勬扱鏗瑰  
桺浜哄憽娌熶€氯柟闈口殑鏂瑰惺鉅?鍾爻另Android11鋟嬪PI鐫囩崡涓口繖浜涇洿鏗  
圭殑鏃村口淇°C弿锛岃口鏂 皵凍AndroidDeveloper鏂囩。涓口殑瀵硅瘮鉅?br/>>

鍊稿另淇°C尦(RelevantInformation)

## Conversations

漢書卷之四

## Android notifications

### Android闇氯熾

缈昏瘧鐸?https://medium.com/androiddevelopers/people-notifications-2a2e4fb6ee96

浜虹壠鍩x壠鑾燭垚浜虹壠妯"灑

鉶燭杓闔炬幃锛?ahref="https://medium.com/androiddevelopers/people-notifications-2a2e4fb6ee96"target="\_blank"rel="nofollow noopener">https://medium.com/androiddevelopers/people-notifications-2a2e4fb6ee96

鋸园珷鍥ヨ瘣鐃逛穿渝檟査鍥ヨ瘣姈 f 口鎰归麻

Python鐃ラ捲鐗€鏹芥爲浜哄伐鐗鴻祫娣卞害瀛へ範  
208242浜烘口鏂一郴縕燭口涔狅腑

鍊欒紓CSDNAPP锛出凍璇村口鐗€鏈口嗟渝?br/>>

□

□

Unity3D鐢ㄦ€佺斂鎴愭a鍏?br/>>濂戒箇瑗匡紅鍊煎緝涓庡え渝跺塔浜口€?鍾口杓  
瑕佸疤鑿扮殑鐗熻祫鑄口姪鎬佺斂鎴愭a鍏熷€備负杩欎釜绯海併鑽勭口涓€夸友€倣  
呂鑑口爌鏂尤餳鏁規岕鑾儿垌鑽勭綉鐗ヨ斂鎴愬嚭鐗囮鑽鑿勬a鍏熷€俗溼鋸囮疤鑿  
扮殑鑄口畝鎔曠殑闔乚人妯"灑锛岀口鑄渝口浜庡口鑄姪殑妯"灑锛岀涓淇濶瑕佺簿縕嘒殑鑑  
板口鍥ヨ瘣鑑十厖锛岀緘瀵逛鎔unity3d鑽勭娇鑾ㄥ岀鑄児祫祫鑄凤紅鑑囮€氲繩鐗囮  
鑽勭導浜涇柟娉曠疤鑿般€偈繖涓口漢姹涓紅鑑口潛閻櫈€佸伐鐗姪殑鑑夏帶寰棟  
负寮虹儕锛岀梶涓哄滿鏘口桐甯稿強鎰弅紅涓嶅灑鑪借口宸ヨ▼浜哄悧鎴艳€呼爺鑾  
戩汉鍛樺湧鑿板滿涓€鍥寸淮鐗 ゃ€?br/>>鍾€鋸板暱甯?涓€閻口斂鎴愭紓希尗收鑽园  
斂鎴愬汉鑑?3D妯"灑#AvatarMe

Mixlab鍊朵祭鑑板竴浜虹殑宸ユ叮闔焰父澶氾紅2D绫海埗浣滃伐鐗峰寘鐗?Live2D  
钼义roidStudio锛浣榦鑽櫻鑽海埗浣滃伐鐗峰寘鐗?Avatar钼毛etaHumanCreator  
绛条€姪熾璇唶涓旗闔や簡浣跨歎璁捐口宸ユ叮杩浣口鑑板竴浜哄埗浣潔紅涔燭  
酈希ヤ娇鑾一睦娉曠洿銆ヨ斂鎴愭曠瀛前汉妯"灑钼佷vatarCLIP灏辨樹闔氲繩杈欒  
叆鋸囮溼鑑ヨ綉鎔哄姪鎬危曠瀛前汉妯"灑钼佷vatarMe涔燭樹鑾口嚜鐗一斂

錦愷啗瀛漁汉妯"灝鑽勸睦嬪囉紓权歛祓淇°C仇鑑口互...

縕x画璁块棟

□

銆愷袞璋堦口浣曠煥浜庀汉鍾快收鑾熳垚2D銆?D铏氯璇褰口薄銆?br/>娴皆暱濡備綺锘轰鎧浜哄儻鏁x墮鑾熳垚2D銆?D铏氯璇褰口薄锛充hoto-to-Avatar锛变负浠€涔堦啗杩欖柯涓€绡困杓夸狂紵浠厓鍊口筑濡備綺瀹烽幫鈥旣€旗嚮鍔一斂鍏愷櫟鍔熷舰璞★紵鑑口祫鑾ㄥ埌鑽勸妧鍊口€佸伐鍚锋洽鍔口墜锛嬉栢璇?涓轰粊涔堦啗杩欖柯涓€绡困杓夸狂紵杩賈勾鍊ワ紅鍚富畤瀹欖口蹇靛凡縕志糱湤变簩銆佸伐浣濶€危杓鍇呼瀝澶氢釜鍏归瀆鍋峰佹婧滆繕軌滑鑽勸斂娲伙紅鍚充鎔鍚富畤瀹欖烷姒以斂康杩欖噃涓壑任鍊口強锛出浉淇 \$ 淀杩园€娓ニ鑑风帜瀹躲€憲€併€娓け鍎x帜瀹躲€婁箚绫莘殃鑾靛奖锛岄細璁+塙浠口口鍚富畤瀹欖洽浜暯導浜澆嚮宸辩殃鍚虫硶锛岄絨棟棟所閼介漠瑕佸巧鏁尤導涓口巛希ヤ唬鍔跨嚮宸卞彖鍚富畤瀹欖烷钏氯璇褰口薄銆尭僅涔堦口浣曠斂鍏愷導涓口巛希ヤ唬琛ㄨ嚮宸辩殃钏氯璇褰口薄灏辨樹涓€涓口棟棰樸€攸彖宸又洽鑽勸導浜澆口鑑又壘婕旂瀝绫海灝鑽勸父鍔?br/>縕x画璁块棟

□

python浜哄儻鑾熳垚\_GAN婕口収浜虹墮鑾熳垚瀹烘块

MyMangaGAN!-Building My First Generative Adversarial Network A complete walkthrough to build a Generative Adversarial Network to make your very own anime characters with Keras. I have always been a ma...

縕x画璁块棟

AI鍔€鍾?|PIFuHD-鑾遍珮娓世湜鐗园斂鍏?D浜虹墮妯"灝瀵筭IM鑽勸惎紶?br/>AI鍔€鍾?|PIFuHD-鑾遍珮娓世湜鐗园斂鍏?D浜虹墮妯"灝瀵筭IM鑽勸惎紶釭I鍔€鍾?|PIFuHD-鑾遍珮娓世湜鐗园斂鍏?D浜虹墮妯"灝瀵筭IM鑽勸惎紶?AI鍔€鍾?|PIFuHD-鑾遍珮娓世湜鐗园斂鍏?D浜虹墮妯"灝瀵筭IM鑽勸惎紶?鍾€杩賈彖鍔ヤ簬涓媒€兑涓鑽嬪娘涓€涓口潛甯告洽鎰恴€濺殃AI鍔€鍾口紅鑾攫IFuHD锛岅繖涓口妧鍊口巛希彃鼓涓€寮犹汉鐗+殃楂檻劣鍥剧墦锛岅繕深岄導绯海佹鑽勸儻绱犵口鑄壠紅鑾熳垚浜虹墮鑽?D妯"灝縕撤瀆锛岄緺浜氳另浜庀汉鐗+殃縕嗚妭闋藉口鑄喟候候寰堦ソ锛岄繕鍏憎害寰埶珮锛岄爻闈口樹瀹榪绣鑽勸眎紶猴細鍔存洽瓒g 殃鑄口繖涓口妧鍊口彖GitHub涓婁紓婧愷簡锛出沵鍔峴tar鑄?.8K锛岄彖GoogleCoLab

缩略图

链接: [CVPR2020: AvatarMe - 3D 演唱歌手建模](#)

6链?9簇 3D 演唱歌手建模  
链接: [AvatarMe - 3D 演唱歌手建模](#)

缩略图

濡备綺閻氳繩DCGAN淪烽幫鍔儿极浜虹壇鍥惧僨鑽勦嚜鍔一斂鍔惰紵

鍛仙櫓鎧轰鎧鑿壇鑽規姍缃榦锛圗AN锛麦殑鍔儿极浜虹壇鑿壇鑽壇鑽貳勾鍊ユ  
呴璧风殑鍔儿极浜T笊鍏版妧鍾口€備紹嬉殑GAN妯"灝鍊+鍊鑿慄惺浼豹抄绠榕硶  
锛岀€氳繩鑿壇鑽壇鑽/扳鍊ゆ塊鑽/姍鍔佷口鍔榭紅寰柙娘涓€涓口沴鐸园斂鍔惰ā鍊  
憲€偱鼓浜庤口缩杏繩拂婁筠拂冲瞞锛出紹缩高耗浠ユ敷...

缩略图

口

Unity2D鍥剧壇鑿壇鑽/鍔?

UCLAMeshCreator2D鍥剧壇鑿壇鑽/鍔?3D鍕塙灝1銆乸ng鑽?2D鍥剧  
壇鑕塙灝鍏翠匠2銆佷口鍔?Unity鍵存幃浣跨鍊

MAX浜虹壇鑿壇鑽/鍔?br/>>鑑口互闔忣乘鍔爻嚭鍊ヤ導涓口汉鑑告澈杩浣口缂艳緥  
鍊存柟渚?蹇口嶧

瓒呼簿缩喟啓淪烽殑3D浜虹壇妯"灝锛岀繩鑽口筠鑽口収鑽困紵

缩略图  
链接: [UCLAMeshCreator - 3D 演唱歌手建模](#)

備綺奔燭銅氳粃涔墘碌奔燭增々鐗溪塔浜口深钖?涓困暭拂嬪伐鍏风瑪璁般€愬嚮鑽  
憤€?娆'筈浠?D娓告垙绌剁硯鏈变粃涔墘筠錫岐紅鏽嬪汉鐗+缓妯'筈鏂烘榼鑽口缓锛  
出口涓€鏽煎氨鏈麥爬妗'筈浠 f 父鍚怎紵绉夏櫟娆'筈浠 f 父鍚他口  
鑽插步浣滆繩拂?娓告垙琛屼筈寰堦裡閻憋紵閻 f 樹浣?br/>> 缙x画璁块棟

RPG瑙撠壞鑾燭壘圭鎔口紙C++奔?br/>> 瑙撠壞鑾燭壘圭鎔口漢瑕佽口褰曠幈瀹惰絢鍏  
ヨ歟錫慄甌,闔爻嫫鑽勸€y角,紵嘈採,鑑屼筈,褰朵佽鏍規堪涓慄忓鑑屼筈鑽€闔恆滿  
鑾燭亥鑽勸寰鎔T簷涓嵒师錫屹€?1.璁捐口鎔濺硯棣槐所寤轰尊涓口燒綾鎧ase鑾儿澈  
淇漬瓦鋸岓瞬鑿?淇漬瓦鑿+口权欵缓鑽勸口錫慄枉鎔y塊鑽勸€爻嫫,錫仙祿閻€瑕佸  
鑽疼狀涓口弸缂柨被Output奔嬪ile鑿口互璁块棟ヨ被涓口歎鑽版堪鉛?鏂+ 燒綾鎧  
ase鎧虹口涓婢缓涓€涓口淳鑾燭被Race,鑾儿澈璁板紵鑿+口闔爻嫫鑽勸口鏂?鋸劣亮  
涓?錫仙祿瑙勸羣浠€涔墘口鏂忓巒浠?€爻嫫浠€涔堦亮涓汎紅浜虹被鑿口互闔爻嫫  
鍏口儻鑑屼筈奔浣簿鑽典筠鑪介€?br/>> 缙x画璁块棟

[Unity][live2D][鐙口珛娓告垙][Unity鍔熻児]浜出淮鍥剧壘3D浜虹墮妯"灝浜摸姪  
鍚例紅鐙口珛娓告垙寮€鑿戦€爻嫫涔嬪尊

live2D奔劣児鍋氳粃涔塙€備富瑕佺歟浜厓父鍚快被鍊嬪細夸嬬粃娓告垙奔嶃嶃懃鑽  
囉父鍚恆€尰€氳繩 缙柨散鍊ユ讥琛?2D鍥剧壘浜摸姪奸鑽勸筠瓒筹紅权惧娘綾讳技3  
D妯"灝鑽勸簾鍔儿院鑽瓣€徯伐浣滆嘶姣旂函2D缙柨散奔塙耗鍚懃鍔尤孫奔箋口  
灏怎紅姣?D绮剧 '寤烘ā闔恆害瑕佸懃鉛備簷鑿口互瀹炴幫缁咄 + 娓告垙鉛巧NF綾  
海灝鉛例慢闔冲竺綾海灝鉛危輝浜涙墜鍊烘父鍚恆€徯躰鑽板師鑽喟涓渟奔鑽氳彞鑑  
兌鑑鑽細1.鏂/unity椤圭沝涓口娇鑾live2D奔嶃互鑾崩enderTexture鑽勸畱鍚矇娇  
鑾ㄣ€?.鑑厓物鍊朵孫灞包鑑鑽口繁鑽岁live2D瑙撠壞奔?...

缙x画璁块棟

RPG瑙撠壞鑾燭壘圭鎔?br/>> java缂槐啓鑽勸畱鍚矇RPG瑙撠壞鑾燭壘圭鎔口紅浣跨  
歟浜唔dbc鑽版堪摹攠斠鉛?br/>> 缙x画璁块棟

鑑口捲鉛ㄨ嶮C璇口■鐗压PG瑙撠壞鑾燭壘圭鎔?br/>> 1.鍔熻児鑽快堪鍑犖簷鑽€鍊  
竈RPG娓告垙奔塙尊筠嘈簪鑑口€徯鑽涓庀湴湴鑑嬪鍚嬪鑽快娓告垙綾海灝奔丈祿杩汎  
叆娓告垙鏂堕児浼氳口鑾儿垌鑑口繁鍊ユ垱寤鸿嚮宸卞査娆口歎瑙撠壞鉛容逢娆'筑鍊  
鸿口寃怪紵鑽鑽尊涓口畱鍚存歎鍊汎缓娓告垙瑙撠壞鑽勸▼摹恆€?br/>> 缙x画璁块棟

鉛惁繁摹~口涔友€戩汉鐗+混鐗困爠绛剧敂鍚?br/>> 缙€浠?鍥剧壘澶勤愁鑽勸祿鍊  
櫟紅缁忓父浼氳籽鍥剧壘鑑园口澶勤愁奔子Illustration2Vec鑽口绣涓婁尊涓口祿杈富  
ソ鑽勸换鍔°C爠绛惧紵婧想鑑奔出歟浜床敂鍚憤汉鐗+墻寰佺歎鑑园口鉛?Illustratio  
n2Vec涓嫵浇鏂板涓锛?https://github.com/rezoo/illustration2vec骞朵佽鏂?ahr

ef="https://github.com/rezoo/illustration2vec" target="\_blank" rel="nofollow">wno opener">https://github.com/rezoo/illustration2vec/releases涓嬪浇妯°C潛鏂夊欢鋟屾爠绛炬杓浠躲€?I...

繙x画璁块棟

□

鑱藉任鋟鸿寢鏃x塈涓€鏍风湧滄炴娓告垙妯"灝锛屾櫩濡備綽鍋氳娘鑽幣紵  
鍏塙漱娆 h 緒涓€缁涇rtstation3D寤烘ā甯堦殑浣滃搣锛岃枃绮剧粌錢懞鑽?D浜  
虹鐸妯"灝锛岃弔鑾口筭鑽口収鐗困紵鳴拔鍋氳候寰堦娘浣嶄佽鑾憎姩锛岀洓鑽  
笈闡口曛涓口ā鎴嬪紅杩橫洽鑑惧 え鑽勤粌罐攸湜锛屾牘鑽鐸+口鑾?浠州蹲鑼口步浣濬娇  
鑾一殑杞口欢濡備笈鍥?鑱藉任鋟轰互涓婁紓绉€浣滃搣鑽口闔线讳筭寮€杩欎塞甯哥  
夥杞口欢Maya杞口欢鑽口編鍥紮utodesk鍏口徃鋟哄搣鑽勫箇鐸岃《绾x殑涓麦淮鍔  
一叢杞口欢锛岃躰鑾∠口璞°C櫩涓撲笊鑽勫奖瑙涓鑿奨紅瑙接壞鍔一叢锛岀數...

繙x画璁块棟

□

Java锛歟PG瑙撳壞鑾熷垚鍔?br/>> RPG瑙撳壞鑾熷垚鍔?1.鍔熻兗鎖他堪鋟犹簷稼€  
鍾麥殑RPG娓告垙锛壉導紓嘈簪鑺口€採繕涓庡湴涓嬪熷鉅嬬殑娓告垙凌海灝锛爻祫  
杩涘叆娓告垙鍛墮兗浼氳口鑾儿垌鑺口繁鍊ユ垱寤鸿嚜宸卞柰娆口殑瑙撳壞鉅?2.娓告  
垙瑙撳壞塞旅洽鑽勫寰鑺?鍾口口鑽口口姹侄殑娓告垙瑙撳壞塞旅洽浠ヤ笈灞快€紹錫  
嶅弔鉅危€y桷鉅佹口鍛杞€佽憲涓?..

繙x画璁块棟

python

鍾哄襟瀛へ範

浜哄伐鏘鸿兗

口鑑欒寢璁?br/>>口

璇勫口

□

1

□

鐸硅谖

□

魅?br/>>□

鍾惄韻

好了，关于元宇宙的专题阅读和关于元宇宙的问题到这里结束啦，希望可以解决您的问题哈！