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- è??ç®?å?|ç?ã?ã®¹æ??
- UI æ?·ä½?æ?§ã·?é«?ã·?
- è§£é??å·è?½æ?§i¼?Explainability¼?ã?æ? ä?·ã?ã??ã??
- ä?çã??ã?«å ¥å??ã·ã?ã·ä®?å®?ã?ã??

2. Vibe-mini èè??å²ä|¼?ã·ã·?5ã??ã?©ã?jã?¼ã?¿ã·ã·®ã·?

Vibe-mini ä·ã»¥ä,?ã®èè??å²å??ã?ã??æ§?ç-?ã?ã??ã·ä·ã??ã??

2.1 æ?½è±jã??ã·®å??ç?i¼?Principle of Abstractioni¼?

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ä¾¾?i¼?

- ä°°ã·®å®?ã·?
- é³é?
- å²å ¥ã??ã·®å®?ã·?
- æ??æ? ç??ç®°æ°?i¼?è»½ã·?i¼·é?·ã·?i¼?

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2.2 ç?»å?·ç??æ?·ã?çã??ã?«ã·®ç?¹æ?§ã?ã??é??ç®?

Stable Diffusion ä·è®é??ãªæ??ç®°ã??ä,?ã·ã·ä|ã??å·æ? ä·ã·ã·å?å'å·ã·ã·ã??ã??
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ç?»å?·ç??æ?·ã?çã??ã?«ã·?è|?è|ç??ã·«å·æ? ä·ã??ã·ã·ã·è»,ã??é,ã·¶å¿ è|ã·ã·
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Stable Diffusion ä·å¾¾?æ?·ã·ã·®ã·i¼?

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- æ'»å??é?
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- ç®°é??ã·®ã·ã?·ã·ã·æ??
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ã·ã·¾ã?? Vibe-mini ä·®é,å®?ã·ã·

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2.3 é?¢æ?£å??ã•®ç?ç?±

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- UI ã•?ç ©é??ã•«ã•ã??
- ä°é??ã•®ç?æ??ç??ç?è££ã•?æ•ã•ã??ã??ã??
- ç?»å?ç??æ?•ã•ã•®æ°ã??ã•?ã??å,å?ã•£ã•ã•ã•?

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3. ä??ã?ã?³ã??ã??ç??æ?•ã?¢ã?»ã?´ã?ªã?ã? i¼?LLMi¼?

Vibe-mini ä??ã??ã?ã?¹ã??ã??ã?ã?³ã??ã??ã,åªæ?ã•?ã??æ?¹æ³?ã•2ç®é?ã?ã??ã??

3.1 ä??ã?³ã??ã?-ã?¼ã??å??i¼?Rule-basedi¼?

ã?jã?ªã??ã??i¼?å®?å®?ã?»å?ç¼æ?£ã•?é«?ã•?

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A workshop with {people} people, {sound_type} sounds at {sound_level} volume,

3.2 LLM å??

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å ¥å??ã•?ã??ã? Vibe-mini å®å?ªã??ã??ã•ã•«ã?•å¥æ?¿ã??ã•?ã•æ? æ?ã??1è?ã
®è?±èªã•£è?è¿°ã•?ã•ã•?ã•?ã??
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3.3 ä??ã?ã?³ã??ã??ç??æ?•ã•®æ??è?ç??ã?ã?ã?³ã??

- Workshop / studio / craft tools ã•ã•©ã?•ç©é??å?°å®?èª?å½?ã??å¿ ã•?å•«ã?ã??
- é?°å²æ°?ã??æ??ã??ã?i¼?é?•ã?ã•£è¿ã?å´å?ã•ã½çã®¹è©?ã•®é,æ??ã?é?è!•
- ä°æ?°ã• â??several workersâ?, â??a few peopleâ?, â??crowdedâ?• ã•ã•©
- flow ã• â??frequent movementâ?, â??calm movementâ?• ã•ã•©è!è!èª?å½?ã•£è¿ç¼

4. Stable Diffusion ã•«ã?ã?ã?ã?â??é?°å²æ°?å•æ? â?ã•®æ??è?ç??æª?è??

Stable Diffusion ä•šă•̄ä»¥ä, ?ä•®è!•ă? ä•?â??é?°ă?æ°?â?•ä•«ă½±é?¿ă??ă, ?ä•?ă??ă??

4.1 ä, »è!•è!•ă?

1. ä°ç?©æ?°i¼?people_leveli¼?â??æ??ă??ă•æ? ä•?ă??ă??ă•?ă•?
2. â ?ä•®é?•i¼?ă®?é??ä• valence ä®ă? ă½?ç?•ăšă•?ă??i¼?
3. è??æ?•ä®ă ?ă°i¼?clutter, tools, machineryi¼?
4. ä?«ă?©ă?¼ă??ă?-ă??ă??ă•®ă?¼ă•i¼?valence ä•?ă?ă•i¼?

4.2 â•æ? ä•?ă??ă•«ä•ă•?è!•ă?

- é?³
- â??ă•i¼?motion blur ä??è!•æ±?ä•?ă•ă•?é?•ă??i¼?
- â??ă•?
- ä°é??é?¿ă¿ ?ä•®é?°ă?²æ°?

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4.3 ç?»ă?•ç??æ?•ä•®æ°ă??ă•?ă•«ä•ăă?ă•!

Stable Diffusion ä•-ä?©ă?³ă??ă? ä??ă?ă?°ă??ă?æ??æ•jă»¶ä•-ä•?ă•|æ?±ä•?ă•?ă•?ă•?
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5. è©?ă¼jă®?é•?ä•®è©³ç´°

5.1 â®?é•?è•è•?

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Vibe-mini 5è!•ç´ ä??ç?-ç«?ă•ă•?ă??ă•?ă•?ă•|æ-?è¼?ă??

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- ä?µă?³ă??ă?«ä•-ă?è•ă®?ă•?ă•-ă•« 5 æ??ç??æ?•
- ç?»ă?•ç??æ?•ă?¿ă??ă?«i¼?Stable Diffusion 1.5 / SDXL
- Prompt Generatori¼?LLMi¼?GPT-4 or local LLMi¼?

5.2 è!³ă-?é ç?®

1. ä°ç?©æ?°ä•®ă•?ă??
2. è??æ?•ä®ă-?ă°jă•?ă??

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4. æ©?æ¢°½°|å•¥å•ã•®æ•å°é »å°|
5. â??èjæ? ã•ã•ã°|ã•®é?°å²æ°?â?•ã•®è³ã•¿å°?ã?°å•è?½æ?§

5.3 çµ•æ??ã•®ä¾¾?

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ï¼?3ï¼?å??ã•ï¼?flowï¼?

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ç¢°ã•?ã•ªå¤?å??ã•?ã•?ã??

â?? â??light/friendlyâ?• ã• æ??ã??ã?æ§?å?³

â?? â??tense/quietâ?·ã·æ??ã?ã·®è?²èª¿ã·«ã·ã??ã??ã?·ã·?

6. $\zeta \cdot \mathfrak{a} \cdot ? \mathfrak{e} ?? \mathfrak{a}^- ?$

Vibe-mini ã•-ã?

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1. ç?»å?•ç??æ?•ã?çã??a?«ã•«ã••ã•£ã•|æ?±ã•?ã??ã•?ã•?æ-jå ?ã??é,ã??ã•sã•?ã??ã•?ã••
2. ã??ã?©ã?jã?¼ã?¿ã•®æ?•å?³ã•?ä°é?ã•ã?çã??ã?«ã•®ä,jè? ã•sæ?•å•?ç??ã•sã•?ã??ã•?ã••
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7. ä»?ă³/₄?ã•®ç?°ă±?ï¹/₄?ã?ã?¹/₄ã??ã??ã??ã??ï¹/₄?

7.1 å·¥æ?¿ä»¥å¤?ã·®ç©°é??ã,ã·®é·©ç?"

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- $\tilde{a}^?- \tilde{a}^?^1\tilde{a}^??\tilde{a}^?\copyright\tilde{a}^?^3$

- å·¥å´
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- ä½•å® ç©°é??

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7.2 Vibe Estimator

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Vibe Estimatorã•

CNN / Audio Embedding / Transformer

7.3 Multi-modal Vibe Modeli¼?MV-Modeli¼?

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Vibe Text Image Sound Behavior

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- å°°°ç¯ã?»å? è£ å?·ã??ã?¥ã?-ã?¼å?·ã?§å³

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7.4 Vibe Large Modeli¼?VLMi¼?æ§?æ?³

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$$\mathbb{A}^1 \times \mathbb{A}^1 \rightarrow \mathbb{A}^1 \times \mathbb{A}^1 \times \mathbb{A}^1 \times \mathbb{A}^1$$

ã??â??

Vibe Encoder¼?VLM¼?

ã??â??

Scene Generator

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8. çμ•è«?

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- Vibe-miniï¼?5è»,ï¼?ã·¬å²?å??ã??æ??æ¶ã·?ã??ã·«ã·¬æ©?è?½ã?ã??
- LLMã??ã?ã?³ã??ã??ç??æ?·ã··ã·®ç?,æ?§ã·?è?¬ã?
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Category

1. è«?æ??

Tags

1. AI
2. Vibe
3. ä,?é??å²?ä,?
4. å±±±æ¶ç??
5. é?°å²æ°?

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Author

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