

プロンプトの検証

2023/3/19 Sun.

想定シーンと今日の最終形

→

駐車場に止まる車のある風景を背に
女の子がこっちを見ているシーン



前提:

- Stable Diffusion (NAI)
 - Step: 28
 - Scale: 15
 - Seed: 固定せず
- 構文
 - {} ⇒ 強める , [] ⇒ 弱める
 - () -> 整理のために使用

001:風景のみ

situation:
straight road, sunlight, location: japan



002:風景+女の子

```
`{girl: yellow hair, short hair, blue eyes,  
18 years old},  
situation: straight road, sunlight,  
location: japan
```



003:より具体化

```
 {{girl: yellow hair, short hair, blue eyes, 18 years old},  
  attire: Black baseball cap, white dress, red short skirt,  
  blue small blue earrings,  
  looking at the view,  
  {Posture: Hands up}  
 },  
 [situation: on the sidewalk next to the roadway],  
 [Weather: Sunny, wind],  
 [location: japan],  
 [Effect: sunlight]
```







004:女の子のポーズ指定

```
[{girl: yellow hair, short hair, blue eyes, 18 years old},  
 attire: Black baseball cap, white dress, red short skirt,  
 blue small blue earrings,  
 looking at the view, standing  
],  
[situation: on the sidewalk next to the roadway],  
[Weather: Sunny, wind],  
[location: japan],  
[Effect: sunlight]
```







005:ポーズの指定改良

```
[{girl: yellow hair, short hair, blue eyes, 18 years old},  
 attire: Black baseball cap, white dress, red short skirt,  
 blue small earrings,  
 looking at the view,  
 standing, waving  
],  
[situation: on the sidewalk next to the roadway],  
[Weather: Sunny, wind],  
[location: japan],  
[Effect: sunlight]
```

-> 女の子の設定と状況は以上とし、
風景の方を細かく詰めていく

*指がおかしい点込みで



006:コンビニ・車の情報を足す

```
[situation: on the sidewalk next to the roadway,  
small convenience store next to the road,  
{1 car is parked in the parking lot}  
,  
[Weather: Sunny, wind],  
[location: japan],  
[Effect: sunlight]
```



007: 車が安定しなかったので改良

{One blue car: parked in the parking lot},
[situation: on the sidewalk next to the roadway,
small convenience store next to the road],
[Weather: Sunny, wind],
[location: japan],
[Effect: sunlight]



008: 風景と女の子のプロンプトを結合

```
[{girl: yellow hair, short hair, blue eyes, 18 years old},  
 attire: Black baseball cap, white dress, red short skirt,  
 blue small blue earrings,  
 looking at the view, {hands extended out to the side},  
 standing, waving  
],  
 {One blue car: parked in the parking lot},  
 [situation: on the sidewalk next to the roadway,  
 small convenience store next to the road],  
 [Weather: Sunny, wind],  
 [location: japan],  
 [Effect: sunlight]
```

問題発生!

構成が複雑になったからか、
指や顔の細部が崩れやすくなる。



ネガティブプロンプトを用意

```
low quality, worst quality, out of focus, ugly,  
error, jpeg artifacts, lowers, blurry, bad anatomy,  
long_neck, long_body, deformed mutated disfigured,  
missing arms, extra_arms, {mutated hands}, extra_legs,  
{bad hands}, poorly_drawn_hands, {malformed_hands},  
missing_limb, floating_limbs, disconnected_limbs,  
{extra_fingers}, {bad fingers}, liquid fingers,  
poorly drawn fingers, missing fingers, extra digit,  
fewer digits, ugly face, deformed eyes, partial face,  
partial head, bad face, inaccurate limb, cropped, 2 girls, 2 person, 4 fingers
```



009: 最終

ポジティブ

```
[{{girl: yellow hair, short hair, blue eyes, 18 years old}},  
Black baseball cap, white dress, red short skirt,  
blue small earrings,  
standing on the sidewalk next to the roadway,  
waving,  
looking at the view,  
],  
[background:  
One blue car parked in the parking lot,  
small convenience store next to the road],  
[Weather: Sunny, wind],  

```

ネガティブ

```
low quality, worst quality, out of focus, ugly,  
error, jpeg artifacts, lowers, blurry, bad anatomy,  
long_neck, long_body, deformed mutated disfigured,  
missing arms, extra_arms, {mutated hands}, extra_legs,  
{bad hands}, poorly_drawn_hands, {malformed_hands},  
missing_limb, floating_limbs, disconnected_limbs,  
{extra_fingers}, {bad fingers}, liquid fingers,  
poorly drawn fingers, missing fingers, extra digit,  
fewer digits, ugly face, deformed eyes, partial face,  
partial head, bad face, inaccurate limb, cropped, 2 girls, 2 person, 4 fingers
```

学び

- シーンの組み方
- 強化・弱化の重要性
- さらにネガティブプロンプトの重要性



今回やっていない品質アップにつながるポイント

- カメラアングルの調整
- シーン全体へのエフェクト適用
- 表情指定
- ポーズの具体的な指定
- ハイレベルなアップスケール
- Seed固定
- StepとScaleの詰め
- プロンプト構文のうち融合(|)



以上