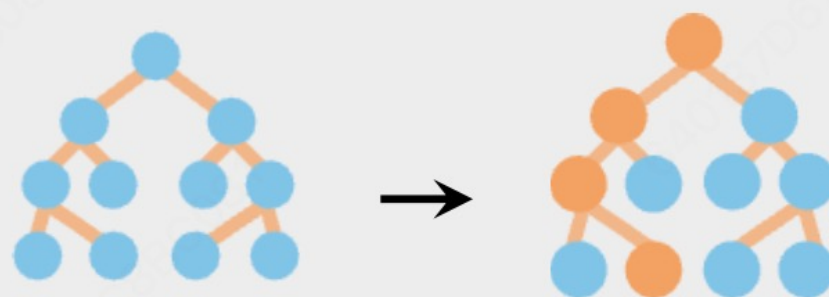


## DiffusionAgent

### All-in-one Prompt

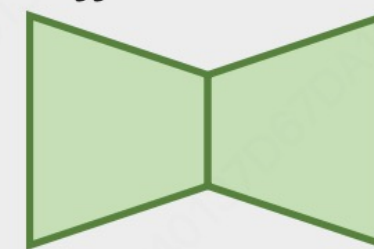
- Prompt-Based
- Instruction-Based
- Inspiration-Based
- Hypothesis-Based
- .....



Human  
Feedback

Example  
Prompt

### Diffusion Model



### Step 1: Prompt Parse

Prompt Parse  
Agent

### Step 2: Tree-of-thought of models

TOT of Models  
Building Agent

TOT of Models  
Searching Agent

### Step 3: Model Selection

Model Selection  
Agent

### Step 4: Execution of Generation

Prompt Extension  
Agent

Image  
Generation

### Example

generate an image  
of a laughing  
woman, fashion  
magazine cover

an image of a  
laughing woman,  
fashion  
magazine cover

Built Model Tree

->(photo)  
->(cinematic)  
->(FilmVelvia2,  
CineStyle5)

FilmVelvia2

The woman on the magazine cover is  
laughing joyfully, her eyes twinkling with  
delight. She is wearing a fashionable  
outfit that accentuates her curves, and  
her hair is styled in a way that  
complements her features.

