On this page

agentchat.contrib.img_utils

llava_formatter

```
def llava_formatter(prompt: str,
                    order_image_tokens: bool = False) -> Tuple[str, List[str]]
```

Formats the input prompt by replacing image tags and returns the new prompt along with image locations.

Arguments:

- prompt (str): The input string that may contain image tags like <img ...>.
- order_image_tokens (bool, optional): Whether to order the image tokens with numbers. It will be useful for GPT-4V. Defaults to False.

Returns:

- Tuple[str, List[str]]: A tuple containing the formatted string and a list of images (loaded in b64 format).

gpt4v_formatter

```
def gpt4v_formatter(prompt: str) -> List[Union[str, dict]]
```

Formats the input prompt by replacing image tags and returns a list of text and images.

Arguments:

- prompt (str): The input string that may contain image tags like <img ...>.

Returns:

- List[Union[str, dict]]: A list of alternating text and image dictionary items.

extract_img_paths

```
def extract_img_paths(paragraph: str) -> list
```

Extract image paths (URLs or local paths) from a text paragraph.

Arguments:

- `paragraph` *str* - The input text paragraph.

Returns:

- `list` - A list of extracted image paths.

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