

# Mimi Content Format

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# Outline

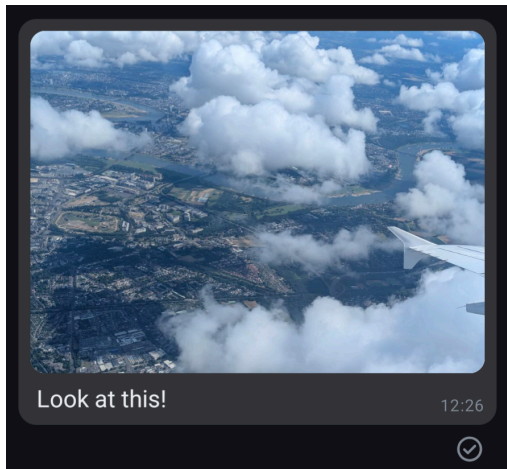
<b>The current message format .....</b>	<b>2</b>
<b>Timo's Proposals .....</b>	<b>7</b>
<b>Questions .....</b>	<b>11</b>

# An image and a caption

```
render, id:1, multi, processAll
```

```
- inline, id:2, external, type:image/png
```

```
- render, id:3, single, type:text/markdown, content:"Look at this!"
```

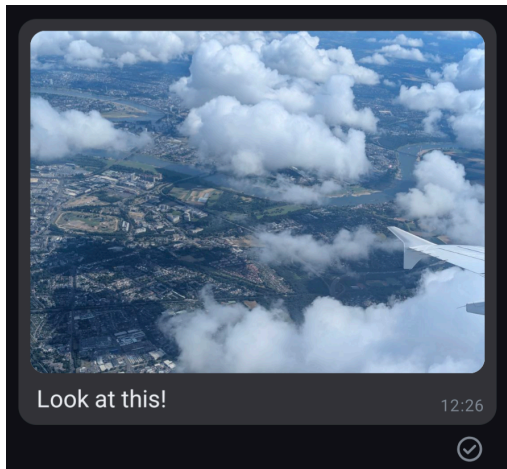


# A message with an image

```
render, id:1, multi, processAll
```

```
- render, id:2, single, type:text/markdown, content:"\nLook at this!"
```

```
- attachment, id:3, external, type:image/png
```



## Do we want internal references?

No references	Internal references
Application has more control over rendering	Sender has more control over rendering
Easier to parse	Parsing has a lot of edge cases

# Do we want deep nesting?

render, id:1, multi, chooseOne

- english, render, id:2, multi, chooseOne

- german, render, id:3, single, type:text/markdown, content:""

- french, render, id:4, single, type:text/markdown, content:""

- german, render, id:5, multi, chooseOne

- english, render, id:6, single, type:text/markdown, content:""

- french, render, id:7, single, type:text/markdown, content:""

- french, attachment, id:8, external, type:image/png

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# markdownChooseOne

- Every message is a markdown message that can reference attachments to display them inline
- Unreferenced attachments are not displayed inline, but can be downloaded

## Pros:

- Clear separation between message and attachments
- Simple chooseOne decision

## Cons:

- No nested attachments: message → vcard → image
- Does not have fallback for clients without markdown support
- Requires understanding of markdown
- Is not strictly using markdown correctly
  - “inline images” are used for any attachments
  - `` Looks ugly, maybe use link reference `[1]` instead



## markdownChooseOne (2)

markdownChooseOne:

- english: "Image: , Video: "
- german: "Foto: , Film: "

attachments:

cid:1 inline chooseOne:

- english: image
- german: image

cid:2 inline chooseOne

- english: video

cid:3 attachment chooseOne

- english: pdf

# documentChooseOne

- Add content types
- Add dispositions to attachments

documentChooseOne:

- english plain: "Image: [1], Video: [2]"
- english markdown: "Image: , Video: "
- english html: "<p>Image: <img src='cid:1' />, Video: <video src='cid:2'></video></p>"

attachments:

cid:1 inline chooseOne:

- english: image
- german: image

cid:2 inline chooseOne

- english: video

cid:3 attachment chooseOne

- english: pdf

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# Questions

- Do we want internal references?
- Do we want deep nesting?
- Are the proposals better than the draft?
- Should clients be required to understand markdown?