

EBNF rule explanation

Got it 👍 You want to modify your **Use Case 3 rule** so that the caller can either provide:

- a real `recipientAddressSource` **or**
- the literal string `"TEMPLATE"` in its place.

Here's the adjusted EBNF:

```
ebnf

mergeMultiDocWithTemplateParams =
  documentsToMerge
  + [ ("TEMPLATE" | recipientAddressSource) ]
  + jobTemplate
  + paymentDetails
  + [ tags ] ;
```

Explanation

- `documentsToMerge` → always required.
- `[("TEMPLATE" | recipientAddressSource)]` → optional, but if present, it can be either a recipient address block **or** the string `"TEMPLATE"`.
- `jobTemplate` → required.
- `paymentDetails` → required.
- `[tags]` → optional.

So the valid shapes are:

- No recipient at all.
- A `recipientAddressSource`.
- `"TEMPLATE"` in place of `recipientAddressSource`.

Would you also like me to make the `"TEMPLATE"` **mutually exclusive** with `recipientAddressSource` (i.e., you can't provide *both*)? Right now, the grammar already implies that (since it's an `|` choice inside brackets), but I can also expand it out to long-form like we did in your single-doc case if you prefer explicitness.



yes please

Perfect 👍 — let's make it **explicit long-form** so there's no doubt that `"TEMPLATE"` and `recipientAddressSource` are mutually exclusive.

Here's the revised grammar:

ebnf

```
mergeMultiDocWithTemplateParams =
  documentsToMerge
  + ( [ recipientAddressSource ]
    | [ "TEMPLATE" ] )
  + jobTemplate
  + paymentDetails
  + [ tags ] ;
```

Why this is explicit

- **documentsToMerge** → always required.
- The (... | ...) means you must choose **either**:
 - [**recipientAddressSource**] → zero or one recipient address, **or**
 - [**"TEMPLATE"**] → zero or one **"TEMPLATE"**.
- You can't have both at once.
- **jobTemplate** and **paymentDetails** remain required.
- **tags** stays optional.

✓ Allowed examples:

- **No recipient:** just **documentsToMerge**, **jobTemplate**, **paymentDetails**.
- **With recipient:** **documentsToMerge**, **recipientAddressSource**, **jobTemplate**, **paymentDetails**.
- **With TEMPLATE:** **documentsToMerge**, **"TEMPLATE"**, **jobTemplate**, **paymentDetails**.

✗ Not allowed: both **"TEMPLATE"** and **recipientAddressSource**.

Do you also want me to add a **comment block with these 3 explicit shapes** (like mini-examples under the grammar), so it's crystal clear for developers using the spec?