Pinakidion

A Scripture Text Editor Powered By Proskomma

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Pinakidion

"Diminutive of *pinax* – little (wooden) tablet - especially of a writing tablet for notes (Lk 1.63)"

Pinakidion

- Proskomma Scripture Runtime Engine
- Electronite App Framework
 - Chaliki Framework for Proskomma
- SlateJS

https://github.com/Proskomma/pinakidion

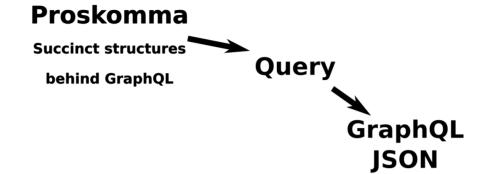
<Demo Goes Here>

Proskomma

Succinct structures behind GraphQL

Slate

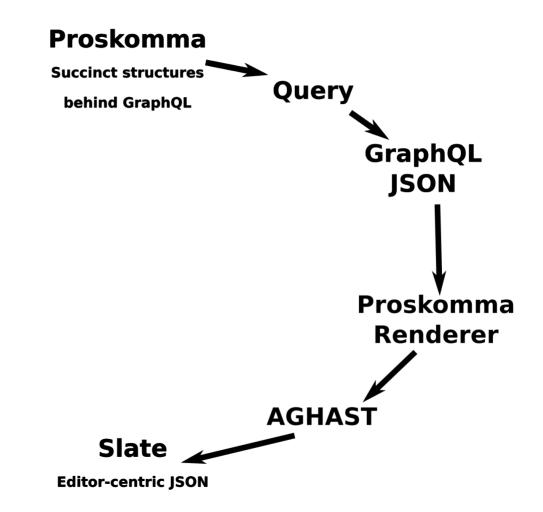
Editor-centric JSON



Slate

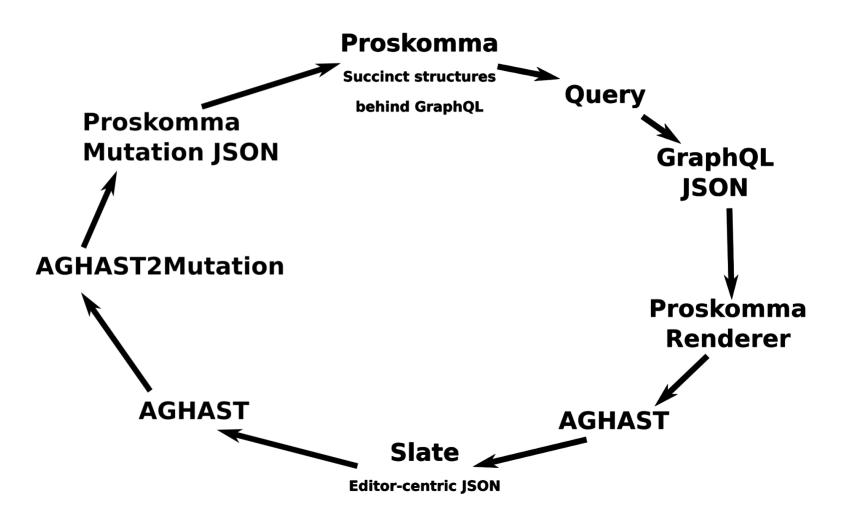
Editor-centric JSON

```
"type": "token",
    "subType": "lineSpace",
    "payload": " "
    "type": "token",
    "subType": "wordLike",
    "payload": "praise"
    "type": "token",
    "subType": "lineSpace",
    "payload": " "
    "type": "token",
    "subType": "wordLike",
    "payload": "Yahweh"
    "type": "token",
    "subType": "punctuation",
    "payload": "."
"bs": {
 "payload": "blockTag/q"
"bg": [],
"items": [
    "type": "token",
    "subType": "wordLike",
    "payload": "Praise"
    "type": "token",
    "subType": "lineSpace",
    "payload": " "
    "type": "token",
    "subType": "wordLike",
    "payload": "Yahweh"
```



```
subType: data.subType,
        segId: data.payload,
renderer.renderSequenceId(data.payload);
    const markElement = {
         children: [\{text: `\{data.payload.split('/')[0][0]\} \ \{data.payload.split('/')[1]\}`\}]
```

```
"type": "blockGraft",
"subType": "title",
"seqId": "N2E1NmQ3NTct",
"children": [
    "text": ">> Title"
"type": "block",
"scope": "blockTag/p",
"children": [
    "type": "mark",
   "scope": "chapter/1",
   "children": [
        "text": "c 1"
    "type": "mark",
   "scope": "verses/1",
    "children": [
        "text": "v 1"
   "text": "Start of the Good News of Jesus Christ, Son of God. "
   "type": "mark",
   "scope": "verses/2",
    "children": [
        "text": "v 2"
   "text": "In the book of the prophet Isaiah, it is written:"
```



```
let aghastSequenceChildren = removeEmptyBlocks(removeEmptyText(rawAghast[0].children));
for (const blockLike of aghastSequenceChildren) {
   if (blockLike.type === 'blockGraft') {
       waitingBlockGrafts.push({
           subType: blockLike.subType,
           payload: blockLike.seqId,
       const string2scope = str => ({
       const oss = Array.from(openScopes)
       const items = processItems(blockLike.children);
       blocks.push({
           os: oss.map(string2scope),
           is: Array.from(includedScopes).map(string2scope),
               payload: blockLike.scope,
           bg: waitingBlockGrafts,
       waitingBlockGrafts = [];
if (currentVerses) {
   endVerses(blocks[blocks.length -1].items, currentVerses);
```

What Next?

- More tags
- USFM Export
- Agree editing API (sequence? block? Character?)
- Proskomma-aghast interface layer
- Schemas
- Proskomma does checking and normalization