



# Magic Item Creator

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# Item Traits

- Items can be associated with traits
- Existing traits can be easily added to new items
- Represented by strings



Search for Search By ▼

Item 1 - Date Created, Type  
Item 2 - Date Created, Type  
...

Item Name

Item Type ▼

Description

Traits ▼

Art Preview

Edit Delete New Item

Edit Art Save Changes Delete



# GUI

- GUI hooked up with Magic Item Object
- Layout work still in progress



# Art Editor

- Pixels as Tiles
- Place Tiles Through Clicking
- May limit colors



# PDF Creation

- PDFHelper class implemented into base project
- Tested with a MagicItem object - success
- Converted project to a Maven project for use of dependencies (required) - success
- Need to organize overall project for future proofing work with other dependencies



## PDF creation code snippets

```
String description = "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed d  
MagicItem item = new MagicItem("Test Item Name", ItemType.WEAPON, description);  
try {  
    renderer = new PDFHelper(item);  
    renderer.renderPDF();  
} catch (IOException e) {  
    e.printStackTrace();  
}
```

```
private MagicItem item;  
  
public PDFHelper(MagicItem item)  
    this.item = item;  
    this.doc = new PDDocument();
```

```
this.stream.beginText();  
this.stream.newLineAtOffset(50, height - 130);  
this.stream.setFont(headerFont, 30);  
this.stream.showText(item.getName());  
this.stream.endText();
```

```
this.stream.beginText();  
this.stream.newLineAtOffset(50, height - 170);  
this.stream.setFont(headerFont, 20);  
this.stream.showText(item.getType().name());  
this.stream.endText();
```

# Test Item Name

WEAPON



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## Description

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