

PROGRESS REPORT

tkLayout developers meeting

Stefano MARTINA

stefano.martina@cern.ch

European Organization for Nuclear Research



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Custom supports

```
Support {  
  type custom  
  customZMin 2300  
  customRMin 200  
  customLength 600  
  customDir vertical  
  
  Component {  
    componentName supp  
    Element {  
      elementName Steel  
      quantity 1000000  
      unit g  
    }  
  }  
}
```

Top/bottom supports

```
Support {  
    type top //or bottom  
  
    Component {  
  
    ...
```

Auto supports

```
Support {  
    type auto  
    autoPosition 500  
  
    Component {  
  
    ...
```

Done

- ✓ **dump** masses
- ✓ **corrected** bug in services inversion in Z
- ✓ found **strange behavior** in second level station output
- ✓ classes for interpretation of support **config** file

To do

- ✓ **investigate** second level station bug
- ? changing conversion station input rules from **g** to **g/m**
- ✓ **create** inactive surfaces for supports
- ✓ implement the (simple) **algorithm** for top/bottom/auto positioning