

# Web Queries with Style: Rendering Xcerpt Programs with CSS<sup>NG</sup>

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Presentation: Christoph Wieser

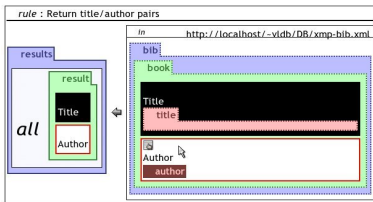
University of Munich  
<http://www.pms.ifi.lmu.de>

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## Querying for Geeks

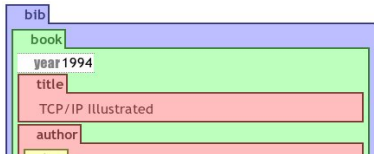
```
CONSTRUCT
  results [
    all result [
      var Author,
      all var Title
    ]
  ]
FROM
in {
  resource { "http://localhost/bib.xml" },
  bib [[
    book [[
      var Title -> title {{ }},
      var Author -> author {{ }}
    ]]
  ]]
}
END
```

## Querying with Style

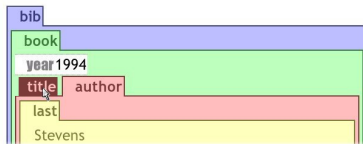


# Xcerpt-Programs with Style

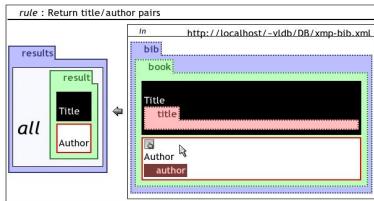
Unfolded title element:



Folded title element:



Highlighted Xcerpt variable:



Superimposed menu:



## CSS<sup>NG</sup> extends CSS 3 towards

- Markup Insertion
- Markup Querying
- Depth-dependent Styling
- Dynamic Styling
- Structure-independent Selection

## CSS<sup>NG</sup> style sheets

- make **scripting unnecessary** for many applications,
- provide **declarative rules** for dynamic styling,
- allow **generic** markup visualization,
- cause **no schema changes** of the document to be styled,

