

Draw.io2TikZ

Arthur LippitzBachelor Thesis 2024

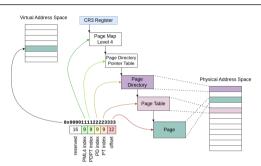
HIAIK



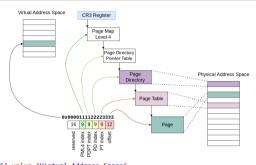












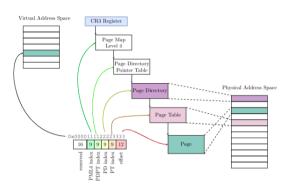




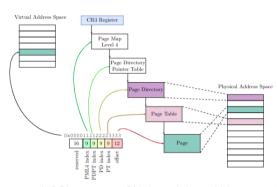


LATEX









- 89 \node at (25.0, -9.5) [align=center,solid,draw,minimum width=2.4 cm,minimum height=1.0 cm,text width=2.4cm,inner sep=0](IDq_x-85) {Page Map Level 4};
- 90 \node at (22.5, -2.5) [align=center,solid,draw=blue,fill=metallicblue,minimum
 width=2.8 cm,minimum height=0.6 cm,text width=2.8cm,inner sep=0](IDg_x-86) {CR3
 Register};
- 91 \draw [dashed,line width=0.7pt] (<u>IDg_x-17.north east)--(IDYg_x-7.north west</u>);
- 92 \draw [dashed,line width=0.7pt] (IDg_x-17.south east)--(IDYg_x-8.north west);

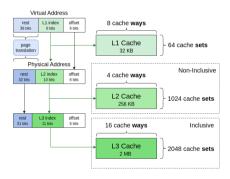




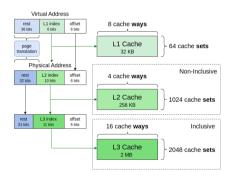


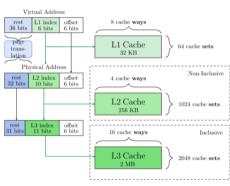
```
w<mxCell id="hb0lX0G80 co0ShvYg x-26" value="Virtual Address Space"</pre>
 style="text:html=1:strokeColor=none:fillColor=none:align=center:verticalAlign=middle:whiteSpace=wrap:rounded=0:fontSize=18:"
 parent="1" vertex="1">
  <mxGeometry x="-80" width="200" height="30" as="geometry"/>
 </mxCell>
v<mxCell id="hb0lX0G80 co0ShvYg x-27" value="Physical Address Space"</pre>
 style="text:html=1:strokeColor=none:fillColor=none:align=center:verticalAlign=middle:whiteSpace=wrap:rounded=0:fontSize=18:"
 parent="1" vertex="1">
  <mxGeometry x="600" v="230" width="200" height="30" as="geometry"/>
 </mxCell>
▼<mxCell id="hbQlXQG80 coOShvYq x-36" value="<div><font face="Courier New">0x00000111122223333</font></div>"
 stvle="text:html=1:strokeColor=none;fillColor=none;align=center;verticalAlign=middle;whiteSpace=wrap;rounded=0;fontSize=18;fontStyle=1"
 parent="1" vertex="1">
  <mxGeometry x="90" v="390" width="205" height="30" as="geometry"/>
 </mxCell>
89 \node at (25.0, -9.5) [align=center,solid,draw,minimum width=2.4 cm,minimum height=1.0
      cm,text width=2.4cm,inner sep=0](IDq_x-85) {Page Map Level 4};
      \node at (22.5, -2.5) [align=center.solid.draw=blue.fill=metallicblue.minimum
90
     width=2.8 cm, minimum height=0.6 cm, text width=2.8cm, inner sep=0](IDg_x-86) {CR3
      Register};
      \draw [dashed,line width=0.7pt] (IDq_x-17.north east)--(IDYq_x-7.north west);
91
92
      \draw [dashed,line width=0.7pt] (IDq_x-17.south east)--(IDYq_x-8.north west);
```



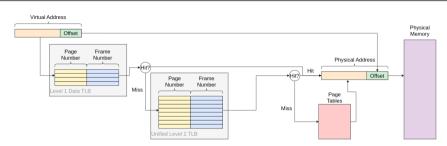




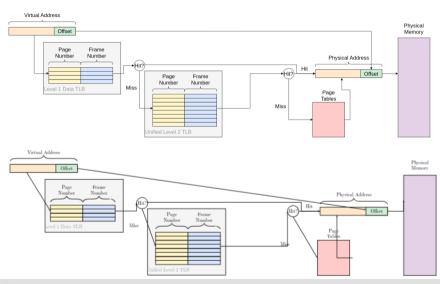




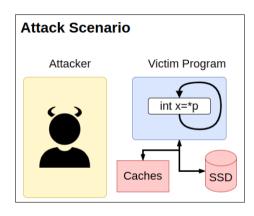




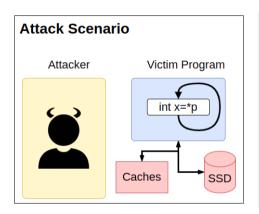


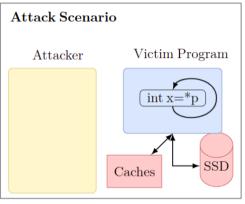




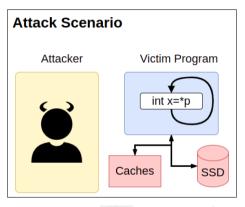


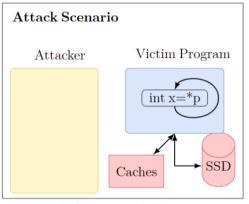






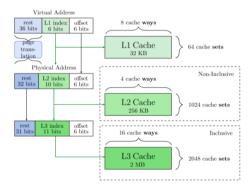




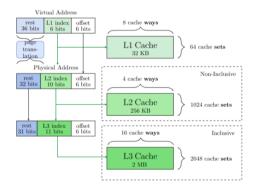


49 v \node at (19.0,-44.5) [](IDIuFW-4){};

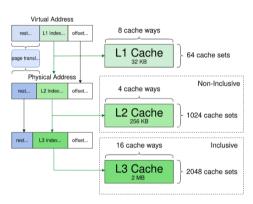








Intel Skyl...







Attack



Attack

```
33 \hspace{-2cm}
34 \ \begin{tikzpicture}[scale = 0.33]
35 \definecotor{white}{\mathbb{RGB}\{255,255,255\}}
36 \draw [draw=none] (26.3,-35.3) rectangle node(ID_Cn0XY-2)[align = center, text width = 5.9 cm,inner sep=0] {\Large{\textbf{Attack}}} (43.7,-43.0);
37 \end{tikzpicture}
```

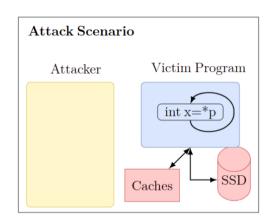


Attack

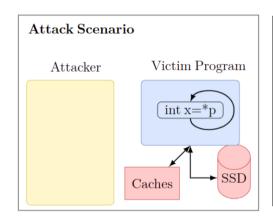
139 -

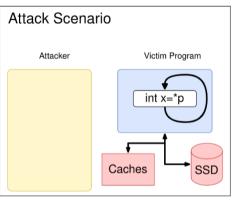
```
\newrgbcolor{curcolor}{0 0 0}
                                                                                  \pscustom[linestyle=none,fillstyle=solid,fillcolor=curcolor]
                                                                            142 +
                                                                            143
                                                                                  \newpath
                                                                                  \moveto(76,05204037,24,744)
\hspace{-2cm}
                                                                                  \curveto(75.94004037,26.172)(75.63204037,27.096)(75.07204037,27.908)
\begin{tikzpicture}[scale = 0.33]
                                                                                  \curveto(74.06404037,29.28)(72.30004037,30.092)(70.25604037,30.092)
\definecolor{white}{RGB}{255,255,255}
                                                                                  \curveto(66.28004037,30.092)(63.73204037,26.956)(63.73204037,22.084)
\draw [draw=none] (26.3.-35.3) rectangle node(ID Cn0XY-2)[align = center.
                                                                            148
                                                                                  \curveto(63.73204037,17.352)(66.25204037,14.356)(70.22804037,14.356)
text width = 5.9 cm.inner sep=01 {\Large{\textbf{Attack}}} (43.7.-43.0);
                                                                            149
                                                                                  \curveto(73.72804037,14.356)(75.94004037,16.456)(76.22004037,20.04)
                                                                            150
\end{tikzpicture}
                                                                                  \lineto(73.86804037,20.04)
                                                                            151
                                                                                  \curveto(73.47604037,17.688)(72.27204037,16.512)(70.28404037,16.512)
                                                                                  \curveto(67.70804037,16.512)(66.16804037,18.612)(66.16804037,22.084)
                                                                                  \curveto(66.16804037,25.752)(67.68004037,27.936)(70.22804037,27.936)
                                                                                  \curveto(72.18804037.27.936)(73.42004037.26.788)(73.70004037.24.744)
                                                                            155
                                                                                  \closepath
                                                                            156 3
```















Draw.io

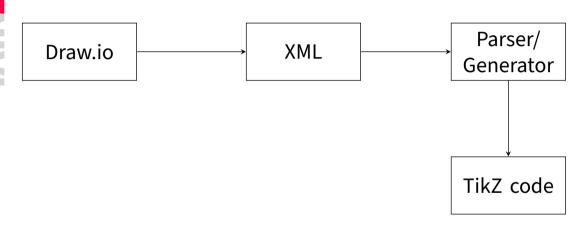


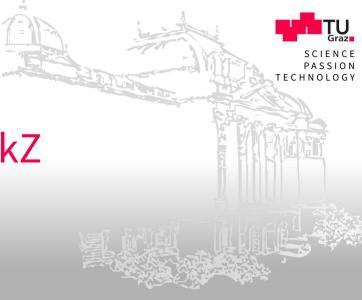












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