



```

\usepackage{pst-node}
\usepackage{bigdelim}
\usepackage{multirow}
\usepackage{colortbl}
\usepackage{array}
\definecolor{gray}{rgb}{0.9, 0.9, 0.9}
\def\empty{\multicolumn{1}{|c|}{}}
\def\colCell#1#2{\multicolumn{1}{|>\columncolor{#1}c|}{#2}}
\def\nodeCell#1{\multicolumn{1}{|c|}{\pnode{#1}}}
\begin{document}

\def\arraystretch{1.1}
\begin{tabular}{ccl}
\textbf{Segment} & \textbf{Usage} & \\
\textbf{number} & & \\
0x0 & \colCell{gray}{Kernel text and data} & \\
0x1 & \colCell{gray}{User text} & \\
0x2 & \colCell{red}{User stack, data} & \\
0x3 & \nodeCell{A} & \\
& & \rdelim\}{10}{1.5cm}[\parbox{6.5cm}{Available for the user process}

```

```

        \hspace*{0.25cm}\pnode{A2}if \texttt{shmat()}
    or \texttt{mmap()} is called]\\\cline{2-2}
0x4 & \empty & \\\cline{2-2}
0x5 & \empty & \\\cline{2-2}
0x6 & \empty & \\\cline{2-2}
0x7 & \empty & \\\cline{2-2}
0x8 & \empty & \\\cline{2-2}
0x9 & \empty & \\\cline{2-2}
0xA & \empty & \\\cline{2-2}
0xB & \empty & \\\cline{2-2}
0xC & \nodeCell{B} & & \\\cline{2-2}
0xD & \colCell{gray}{Shared library text} & & \\\cline{2-2}
0xE & \empty & \pnode{B2}\\\cline{2-2}
0xF & \colCell{gray}{\footnotesize Per-process
        shared library data} & & \\\cline{2-2}
\end{tabular}
\ncline[arrows=->,linewidth=2pt,linecolor=blue]{A}{B}
\ncdiag[arrows=->,linewidth=1.25pt,linearc=0.2,
        angleA=180,angleB=0,armA=0.2cm,nodesepB=-0.25cm,armB=0.625cm]{A2}{B2}

```