ZeroMQ Distributed Message Middleware
Uma breve abordagem

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Abstract. *Abstract text*

Resumo. *Texto do resumo*

1. Middleware

A evolução das redes de computadores com o advento da internet facilitaram a ploriferação de aplicações distribuídas. Sabendo que as partes de interessadas de uma aplicação distribuída podem executar em diferentes locais físicos diversas vantagens podem ser acrescidas à aplicações distribuídas, como tolerância à falhas (através de replicação) e aumento de de performance através da paralelização de tarefas, por exemplo. Ao analisar os ambientes nos se executam os Sistemas Distribuídos, nota-se que há uma heterogeneidade ... (Continuarei - EPJ)Sistemas Distribuídos criaram problemas que até então não existiam em Sistemas Centralizados.

2. ZeroMQ

text

2.1. Histórico

2.2. Aplicações

2.3. Operação

3. Concorrentes

4. Análise

5. Conclusão

6. Figures and Captions

Figure and table captions should be centered if less than one line (Figure 1), otherwise justified and indented by 0.8cm on both margins, as shown in Figure 2. The caption font must be Helvetica, 10 point, boldface, with 6 points of space before and after each caption.

In tables, try to avoid the use of colored or shaded backgrounds, and avoid thick, doubled, or unnecessary framing lines. When reporting empirical data, do not use more decimal digits than warranted by their precision and reproducibility. Table caption must be placed before the table (see Table 1) and the font used must also be Helvetica, 10 point, boldface, with 6 points of space before and after each caption.

Figure 1. A typical figure

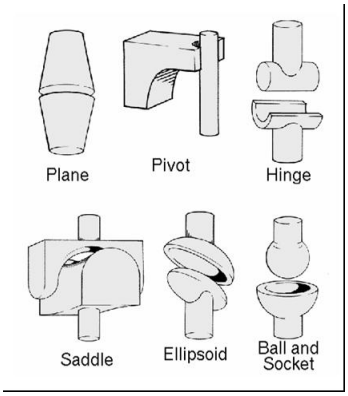

Figure 2. This figure is an example of a figure caption taking more than one line and justified considering margins mentioned in Section 6.

7. Images

All images and illustrations should be in black-and-white, or gray tones, excepting for the papers that will be electronically available (on CD-ROMs, internet, etc.). The image resolution on paper should be about 600 dpi for black-and-white images, and 150-300 dpi for grayscale images. Do not include images with excessive resolution, as they may take hours to print, without any visible difference in the result.

8. References

Bibliographic references must be unambiguous and uniform. We recommend giving the author names references in brackets, e.g. [Knuth 1984], [Boulic and Renault 1991], and [Smith and Jones 1999].

The references must be listed using 12 point font size, with 6 points of space before each reference. The first line of each reference should not be indented, while the subsequent should be indented by 0.5 cm.

Table 1. Variables to be considered on the evaluation of interaction techniques

	Chessboard top view	Chessboard perspective view
Selection with side movements	6.02 ± 5.22	7.01±6.84
Selection with in-depth movements	6.29±4.99	12.22±11.33
Manipulation with side movements	4.66± 4.94	3.47±2.20
Manipulation with in-depth movements	5.71 ±4.55	5.37 ±3.28

References

Boulic, R. and Renault, O. (1991). 3d hierarchies for animation. In Magnenat-Thalmann, N. and Thalmann, D., editors, *New Trends in Animation and Visualization*. John Wiley & Sons ltd.

Knuth, D. E. (1984). *The TEX Book*. Addison-Wesley, 15th edition.

Smith, A. and Jones, B. (1999). On the complexity of computing. In Smith-Jones, A. B., editor, *Advances in Computer Science*, pages 555–566. Publishing Press.