Special seminar to bachelor thesis

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Abstract. In this paper we focus on solving the issues caused by going offline inside a state synchronizing network. In order to keep the state consistent across all clients in a network, various synchronization methods are used. These methods expect all clients to be available at any time and don't describe situations where some of the clients go offline and later attempt to reconnect. First we analyze a sample of synchronization methods, while Comparing the ways they could support offline mode. After that we choose the most fitting method and provide a detailed description of possible modifications allowing client reconnections without loss of data or state conflicts. Finally we implement and compare these modifications.

Keywords: Synchronization · Offline · Implementation

1 Introduction

Podrobnejie rozpsan vod do problematiky, motivcia... Na konci s ciele prce. Rozsah cca. 1.5 2 strany (spolu s ilustranm prkladom aj prehadom sasnho stavu).

1.1 Illustrational example

Tu by mohol by ilustran prklad, cez ktor sa vysvetuj hlavn pojmy...

1.2 Overview of current state

Prehad sasnho stavu v oblasti, ktorej sa prca tka... Citovan zdroje sa uvdzaj na konci lnku.

2 Suggested solution

Nvrh rieenia, postupy, algoritmy, schmy, diagramy, tabuky, at, o je potrebn... Rozsah 2 3 strany. Papers not complying with the LNCS style will be reformatted. This can lead to an increase in the overall number of pages. We would therefore urge you not to squash your paper. Odseky. Odseky by sa mali tka hlavnch bodov, ale mete poui kudne aj nejak odrky (slovan, neslovan). Klasick

Table 1. Table captions should be placed above the tables.

	1	Font size and style
		14 point, bold
1st-level heading		12 point, bold
2nd-level heading	2.1 Printing Area	10 point, bold
3rd-level heading	Run-in Heading in Bold. Text follows	10 point, bold
4th-level heading	Lowest Level Heading. Text follows	10 point, italic

text by mal obsahova normlne psmo alebo kurzvu, resp. Courier new na zdrojov kdy. Tabuka 1. Tabuky by mali ma svoje slo a popis (menm psmom) nad tabukou a na krajoch (vavo a vpravo) by sa nemali ormova. Mali by by vycentrovan. Displayed equations are centered and set on a separate line.

$$x + y = z \tag{1}$$

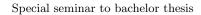
Please try to avoid rasterized images for line-art diagrams and schemas. Whenever possible, use vector graphics instead (see Fig. 1).

Theorem 1. This is a sample theorem. The run-in heading is set in bold, while the following text appears in italics. Definitions, lemmas, propositions, and corollaries are styled the same way.

Proof. Proofs, examples, and remarks have the initial word in italics, while the following text appears in normal font.

For citations of references, we prefer the use of square brackets and consecutive numbers. Citations using labels or the author/year convention are also acceptable. The following bibliography provides a sample reference list with entries for journal articles [1], an LNCS chapter [2], a book [3], proceedings without editors [4], and a homepage [5]. Multiple citations are grouped [1–3], [1, 3–5].

Kd programu sa pe nasledovne:



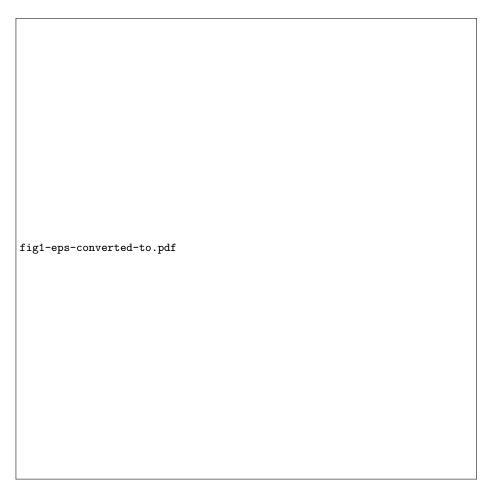


Fig. 1. A figure caption is always placed below the illustration. Please note that short captions are centered, while long ones are justified by the macro package automatically.

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Ak sa odvolvate na litratru, treba ich uvies v hranatch ztvorkch hned za danm odkazom na ne, napr. V prci [1] sa rozober fibonacciho algoritmus, ktor me by znane zjednoduen [2, 3], at.

STRANY SA MUSIA SLOVA ponc prvou stranou...

3 Conclusion

o sa spravilo, o sa plnuje, at.

Poakovanie. Ak si ho niekto zasli, treba tam uvies (napr. Kolega, ktor pomha s Javou, at).

References

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