Sistemas Distribuidos I
(75.74)

Sistemas Distribuidos en la Actualidad

Análisis y Exposición de Productos Distribuidos

Docentes

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Cómo leer un *paper?*

How to Read a Paper

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ABSTRACT

Researchers spend a great deal of time reading research papers. However, this skill is rarely taught, leading to much wasted effort. This article outlines a practical and efficient *three-pass method* for reading research papers. I also describe how to use this method to do a literature survey.

1. INTRODUCTION

Researchers must read papers for several reasons: to review them for a conference or a class, to keep current in their field, or for a literature survey of a new field. A typical researcher will likely spend hundreds of hours every year reading papers.

Learning to efficiently read a paper is a critical but rarely taught skill. Beginning graduate students, therefore, must learn on their own using trial and error. Students waste

4. Read the conclusions
5. Glance over the references, mentally ticking off the ones you've already read

At the end of the first pass, you should be able to answer the *five Cs*:

1. *Category*: What type of paper is this? A measurement paper? An analysis of an existing system? A description of a research prototype?
2. *Context*: Which other papers is it related to? Which theoretical bases were used to analyze the problem?
3. *Correctness*: Do the assumptions appear to be valid?
4. *Contributions*: What are the paper's main contribu-

https://drive.google.com/file/d/10ZoKhcoyXyxjVJ1iXohbNiSjQpyCuF69/view?usp=sharing

Papers

Alumnos	Producto	Título	Link
PERNIN, GAMARRA, CONTI	Borg	Large-scale cluster management at Google with Borg	https://drive.google.com/file/d/1CEN83Mocg9wKCI86BuLDCF7xr9M6NNH5/view?usp=sharing
GIMENEZ, GARCIA, PIRO MARTINO	Zanzibar	Zanzibar: Google's Consistent, Global Authorization System	https://drive.google.com/file/d/14EgftcPO7_5wP2YO9Ato-zZCmB2ejlGf/view?usp=sharing
KLEIN, PARAFATI, AGUERRE	BigTable	Bigtable: A Distributed Storage System for Structured Data	https://drive.google.com/file/d/1p9G2QhPh0ipZ5M5-T24mEY5Nui7n6Kt4/view?usp=sharing
?	Dynamo	Dynamo: Amazon's Highly Available Key-value Store	https://drive.google.com/file/d/17kf9TIlQsAnC166udMFYFEYe1HiY8NeB/view?usp=sharing
?	Turbine	Turbine: Facebook's Service Management Platform for Stream Processing	https://drive.google.com/file/d/18aQRHCTjS65RG_5s4bXm-tJ1l5LW6e4-/view?usp=sharing

Normas

- Fecha de exposición:
  - 09/06/2022
- Modalidad de entrega:
  - Exposición online (hasta 30 mins en total)
    - Explicación breve (hasta 15 mins).
    - Soporte de diapositivas de resumen.
    - Preguntas y discusión (hasta 15 mins).