Poster

ERRATARIUM for Real-Time Systems

Geoffrey Nelissen

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ERRATARIUM for Real-Time Systems

Geoffrey Nelissen

*CISTER Research Centre
Polytechnic Institute of Porto (ISEP-IPP)
Rua Dr. António Bernardino de Almeida, 431
4200-072 Porto
Portugal
Tel.: +351.22.8340509, Fax: +351.22.8321159
E-mail:
http://www.cister.isep.ipp.pt

Abstract
**Why?**

- Hundreds of papers published each year
- Some of them inevitably contain mistakes, errors, typos, ...
- All errors, big or small, deserve to be known by everyone
  - To avoid their spread in other works
  - To avoid teaching wrong results
  - To allow people to find appropriate solutions
  - To learn from them and not reproduce them later

- Errors can be of very different types and/or level of importance
  - Completely wrong result
  - Wrong proof but correct result
  - Wrong use of a previous work
  - Assumptions that are are incorrect or not stated
  - Simple typos
  - ...
  - We need solutions to reference all of them, irrespective of their type, impact or importance

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**How do we handle it today?**

- **Who cares!**
  - ERRATA

- Everyone should care

- Where do I publish it?

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**What do we propose?**

- **Centralised repository**
  - Free access
  - Anyone can submit (authors of the original paper or not)
  - No copyright transfer

- A dynamic forum where people can
  - Comment
  - Propose solutions
  - Point toward papers solving the issue
  - Point toward other impacted work

- Review process
  - Check correctness
  - Check understandability

  Should be light and fast
  Most submissions should be only a few pages long

  Should contact the authors of the original paper if they are not aware yet

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**In short**

**What it is not**

- It is not a place for public-shaming
- It is not an Indexed journal. Neither does it replace them
- Authors should not be rewarded for publishing errors
- People should not make a business of publishing short errata only
- It is not tied to a single journal/conference
- To ensure independence and not be accused of favouring errata of papers published somewhere else
- To keep it centralised

**What it is**

- A place to spread knowledge and make things right
- A place where people can find open problems and propose solutions
- A single place, easy to find where errata are listed and freely accessible
- A place where people can easily check if a problem was referenced for a given paper
- A place where documents can be updated and where version consistency is ensured (there should be a clear mark-up of the version number)
- A tool complementary to conferences/journals
- Authors keep the copyrights
  - they can submit a longer version with for instance a solution to the problem spotted, to a journal/conference later or at the same time
- A place where anyone can submit and help the community

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**How can you help?**

- Share your experience, ideas, views, opinions with us
  - If you know existing or better solutions, let everyone know
  - What can go wrong?
  - What can be improved?

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**Get in touch**

- Any time during the conference
- Sending an e-mail

grpn@isep.ipp.pt

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**ERRATARIUM**

for Real-Time Systems

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CISTER Research Centre/INESC-TEC
ISEP, Polytechnic Institute of Porto
Rua Dr. Antº Bernardino de Almeida, 431
4249-015 Porto, Portugal

grpn@isep.ipp.pt
www.cister.isep.ipp.pt
facebook.com/cisterrealtime