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NTCIR: NII Test Collection for Information Retrieval

NII Testbeds and Community for Information Access Research

Research Infrastructure for Evaluating Information Access

A series of evaluation workshops designed to enhance research in information-access technologies by providing an infrastructure for large-scale evaluations.

- Data sets, evaluation methodologies, and forum

Project started in late 1997

- Once every 18 months

Data sets (Test collections or TCs)

- Scientific, news, patents, web, CQA, Wiki, Exams
- Chinese, Korean, Japanese, and English

Tasks (Research Areas)

- IR: Cross-lingual tasks, patents, web, Geo, Spoken
- QA: Monolingual tasks, cross-lingual tasks
- Summarization, trend info., patent maps, Inference,
- Opinion analysis, text mining, Intent, Link Discovery, Visual

Community-led Research Activities

# of the TC Users: 2241
NTCIR-9: Objectives

• Solid foundation
  – New structure

• Task diversity
  – Covers a wide context in Information Access
  – Studies rich media types

• Community-led task organisation
  – Sustainability of research
  – Seed Funding

• Promotion of research resources
  – Show case in the NTCIR-9 Meeting
NTCIR-9: Structure

• General Co-Chairs
  – Noriko Kando (NII)
  – Tsuneaki Kato (The University of Tokyo)
  – Eiichiro Sumita (NICT)

• Program Co-Chairs
  – Hideo Joho (Tsukuba University)
  – Tetsuya Sakai (MSRA)

• Task Organisers
  – 40 researchers worldwide
  – 90 Participating Groups

• EVIA Co-Chairs
  – ark Sanderson (RMIT)
  – William Webber (Melbourne University)
  – Kazuaki Kishida (Keio University)
NTCIR-9 Meeting

• 225 attendees! (+45)
Special Thanks to

NTCIR-9 Meeting Sponsors

Hitachi, Ltd.
IBM Japan, Ltd.
IR-ALT, Inc.
Japan Patent Information Organization (Japio)
The Mainichi Newspapers
National Institute of Information and Communications Technology (NICT)
NTT Resonant Inc.
NTCIR-9
Session Assistants

Maria Eskevich
Christopher Harris
Petr Knoth

Thanks indeed!
NTCIR-9
NTCIR Project Office
Miho Sugimoto
Mari Okada
Junko Evans
Fumiko Koiwahara
Ruiko Honma

Thanks!
NII Testbeds and Community for Information access Research

Why?

- Data sets / Users’ Information Seeking Tasks
- Evaluation Methodology
- Reusable vs Reproducability
- User-Centered Evaluation
- Experimental Platforms
- Open Advancement
- Advanced NLP → Knowledge- or Semantic-based
- Diversified IA Applications in the Real World
- Best Practice for a technology
  → Best Practice for Evaluation Methodology
- Big Data (Documents + Behaviour data)
Mid-term Vision

Weaving out Knowledge

Intension

Interaction & Visualization

Users Context

Integrating NLP • IR

Documents -> Answer, Information

Interaction & Visualization

Module-based Platform (Open Advancement)

Datasets

- Large-Scale Reusable TCs
- Cross-lingual
- Users’ Information Seeking Tasks + Genres

Opinion/ Attitudes

- NTCIR-1
- NTCIR-3
- NTCIR-6
- NTCIR-9
- NTCIR-12

Module-based

NTCIR-1 NTCIR-3 NTCIR-6 NTCIR-9 NTCIR-12
Please!

- Evaluation Sheets (at the Registration Desk)
- PDFs for Slides and Posters
  - → ntc-proceedings@nii.ac.jp
- Errata & update the proceedings papers
  - → ntc-proceedings@nii.ac.jp
  we cannot replace, but add a new version or errata
- For TOs
  - Please send the final Test Collections and Submission
    Archived to NTCIR Office
- Comments and advices are always welcome
NTCIR-10

• Program Chairs
  – Tetsuya Sakai
  – Hideo Joho

• General Chairs
  – Noriko Kando
  – Tuneaki Kato
  – Douglas Oard
  – Mark Sanderson
Schedule

• Dec ?? 2012: Revised task proposals for NTCIR-10?
• Jan 2012: Notification of accepted tasks
• February 2012: Call for NTCIR-10 Task
  – Training/Tests
  – Feb 2013: Release of evaluation results/ task overview partial release
• 18-23 June 2013: NTCIR-10 Meeting
Thank you for your participation! Enjoy!

For further enquiries, contact the NTCIR office
ntc-secretariat@nii.ac.jp