

# Publish/Subscribe & PADRES

Final Presentation Master Seminar 2007

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## **Abstract**

The publish/subscribe communication paradigm has become increasingly popular during the last years. Subscribers register their interest in a publication and are subsequently notified of publications generated publishers. Using publish/subscribe full decoupling of producers and consumers as well as scalability can be achieved. Both features are very important for distributed interaction in large-scale applications.

PADRES is a content-based publish/subscribe platform that offers several extensions to other publish/subscribe systems and has been developed at the University of Toronto. These features include an expressive subscription language, composite subscriptions as well as historic data access.

The aim of this presentation is to introduce publish/subscribe systems with a special focus on PADRES. Thus, some selected features of PADRES are discussed in detail after a general introduction to publish/subscribe systems.