Record Nr. UNINA9910437896003321 Autore Jarvis Dennis Titolo Multiagent Systems and Applications: Volume 2: Development Using the GORITE BDI Framework / / by Dennis Jarvis, Jacqueline Jarvis, Ralph Ronnquist, Lakhmi C. Jain Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, Pubbl/distr/stampa . 2013 **ISBN** 1-283-93525-2 3-642-33320-6 [1st ed. 2013.] Edizione 1 online resource (183 p.) Descrizione fisica Collana Intelligent Systems Reference Library, , 1868-4394;; 46 Disciplina 006.3 Soggetti Computational intelligence Artificial intelligence Computational Intelligence Artificial Intelligence Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references. Nota di bibliografia Multi-Agent Systems -- Getting Started with GORITE -- Process Nota di contenuto Modelling -- Situated Action -- Team Modelling -- Belief Management -- Future Work. Sommario/riassunto Since its conception almost 30 years ago, the BDI (Belief Desire Intention) model of agency has become established, along with Soar, as the approach of choice for practitioners in the development of knowledge intensive agent applications. However, in developing BDI agent applications for over 15 years, the authors of this book have observed a disconnect between what the BDI model provides and what is actually required of an agent model in order to build practical systems. The GORITE BDI framework was developed to address this gap and this book is written for students, researchers and practitioners who wish to gain a practical understanding of how GORITE is used to develop BDI agent applications. In this regard, a feature of the book is the use of complete, annotated examples. As GORITE is a Java framework, a familiarity with Java (or a similar language) is assumed,

but no prior knowledge of the BDI model is required.