
Contents

| | |
|--|------|
| Foreword | ix |
| Acknowledgments | xiii |
| Introduction | xv |
| Part 1. Definition of Assistance in the Digital Humanities Field | 1 |
| Introduction to Part 1. | 3 |
| Chapter 1. Digital Humanities Context. | 5 |
| 1.1. Knowledge in humanities and social sciences should be structured through interaction | 6 |
| 1.2. Lines of thought | 9 |
| 1.3. Fields of actions | 11 |
| 1.4. Digital resources at the heart of digital humanities. | 16 |
| 1.5. Conclusion: digital assistance in the fields of action. | 20 |
| Chapter 2. Digital Assistance Concept | 23 |
| 2.1. Definition of assistance in a few major trends in educational psychology | 25 |
| 2.2. Assistance as a cycle | 29 |
| 2.3. Assistance as a response to a need | 33 |
| 2.3.1. Theoretical framework: concept of support and request for assistance | 33 |
| 2.3.2. Example of assistance for a reflective activity. | 35 |
| 2.3.3. Example of assistance for a repetitive activity. | 39 |
| 2.3.4. Example of assistance responding to security constraints | 43 |

| | |
|---|-----------|
| 2.3.5. Example of assistance responding to innovation situations | 47 |
| 2.3.6. Conclusion: support functions for digital assistance | 51 |
| 2.4. Assistance in its processing | 55 |
| 2.4.1. Theoretical framework: assistance activity and design theory. | 55 |
| 2.4.2. Example of assistance by deviation of use | 57 |
| 2.4.3. Example of assistance developed from disciplinary knowledge | 60 |
| 2.4.4. Example of assistance developed from resources from the world of research | 63 |
| 2.4.5. Example of assistance developed from trace analysis | 66 |
| 2.4.6. Conclusion: digital assistance between activity and operation. | 70 |
| 2.5. Assistance in terms of its usefulness | 71 |
| 2.5.1. Theoretical framework: zone of proximal development and assistance evaluation | 71 |
| 2.5.2. Example of assistance evaluated based on adjusted component models. | 74 |
| 2.5.3. Example of assistance evaluated based on reorganized component models. | 77 |
| 2.5.4. Example of assistance evaluated based on weighted component models | 80 |
| 2.5.5. Conclusion: ZPD and digital assistance. | 83 |
| 2.6. Assistance in its future | 84 |
| 2.6.1. Theoretical framework: proactive or reactive assistance | 84 |
| 2.6.2. Example of orientations for assistance | 86 |
| 2.6.3. Conclusion: different statuses of digital assistance | 89 |
| 2.7. Conclusion: methodology of the digital assistance approach. | 90 |
| Part 2. Digital Assistance in the Researcher's Activity | 93 |
| Introduction to Part 2. | 95 |
| Chapter 3. Digital Assistance in the Researcher's Activity | 97 |
| 3.1. Context of the researcher's work | 98 |
| 3.1.1. The researcher's thoughts in research situations. | 98 |
| 3.1.2. Between "environment" and "contract". | 100 |
| 3.1.3. The researcher's activity in official texts | 101 |
| 3.2. Researcher's professional standards and digital resource contributions | 102 |
| 3.2.1. R111 activity: scientific monitoring conduct. | 103 |
| 3.2.2. R211 activity: theoretical model development. | 113 |
| 3.2.3. R741 activity: personnel management | 121 |
| 3.2.4. Conclusion: prospects for "scientific engineering" | 126 |

| | |
|--|------------|
| 3.3. Digital resources to design for assistance | 127 |
| 3.3.1. Digital resources in curricular orientations assistance | 129 |
| 3.3.2. Digital resources in communicative orientations assistance | 132 |
| 3.3.3. Digital resources in reflective orientations assistance | 136 |
| 3.3.4. Conclusion: the beginning of changes. | 140 |
| 3.4. Conclusion: three types of assistance. | 141 |
| Chapter 4. The Place of Digital Assistance in Professionalization | 145 |
| 4.1. The concept of professionalization | 145 |
| 4.2. Professional development and scientific scenario | 147 |
| 4.3. Development of the researcher's activities and scientific scenario | 151 |
| 4.4. Contribution of assistance in the career path | 153 |
| 4.4.1. Individual nature | 154 |
| 4.4.2. Collective nature | 157 |
| 4.4.3. Conclusion: activities and expansion process | 159 |
| 4.5. Conclusion: from digital assistance to digitized assistance | 160 |
| Chapter 5. Action Researcher Model for a Cognitively Increased Humanity | 163 |
| 5.1. Survey results: the researcher's expectations | 164 |
| 5.2. Action researcher model | 167 |
| 5.2.1. Level 1: macro-concerns. | 168 |
| 5.2.2. Level 2: needs related to macro-concerns. | 171 |
| 5.2.3. Level 3: soliciting the researcher with digital technology | 173 |
| 5.3. Conclusion: researcher's position. | 174 |
| Conclusions and Prospects | 177 |
| Appendix 1 | 185 |
| Appendix 2 | 193 |
| Glossary | 197 |
| References | 203 |
| Index | 223 |