ISO/IEC 29110-5-1-2:2025-02 (E)

Systems and software engineering - Life cycle profiles for very small entities (VSEs) - Part 5-1-2: Software engineering guidelines for the generic Basic profile

Contents

Page

Foreword iv
Introduction vi

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Naming, diagramming and definitions conventions 8
4.1 General 8
4.2 Naming, diagramming and definition conventions 8
4.3 Abbreviated terms 10

5 Overview 11
5.1 General 11
5.2 Entry conditions to use the software Basic profile 11
5.3 Processes and activities of the software Basic profile 11

6 Project management (PM) process 12
6.1 PM process purpose 12
6.2 PM process outcomes 12
6.3 PM roles involved 13
6.4 PM activities and tasks 13
6.4.1 Overview of the PM process 13
6.4.2 PM activities 14
6.4.3 Incorporation to project repository 22

7 Software implementation (SI) process 22
7.1 SI process purpose 22
7.2 SI process outcomes 23
7.3 SI Roles involved 23
7.4 SI activities and tasks 23
7.4.1 Overview of the SI process 23
7.4.2 SI activities 24
7.4.3 Incorporation to the project repository 35

8 Description of roles 36

9 Description of work products 37

10 Software tools 51
10.1 General 51
10.2 Project management process tools 51
10.3 Software implementation process tools 51

Annex A (informative) Support process for the software Basic profile 53

Annex B (informative) Additional testing tasks to the software Basic profile 62

Annex C (informative) Accessibility tasks to the software Basic profile 74

Annex D (informative) Security addition for the software engineering Basic profile 82

Annex E (informative) Deployment packages for the software Basic profile 90

Bibliography 92