

### Contents

<b>Foreword</b> .....	<b>iii</b>
<b>Introduction</b> .....	<b>vi</b>
<b>I Introductory Elements</b> .....	<b>1</b>
1 Scope.....	2
2 References.....	3
2.1 Normative References.....	3
2.2 Informative References/Bibliography.....	6
3 Requirements.....	7
3.1 Relevant Libraries.....	7
4 Terms and Definitions.....	8
5 Documentation Conventions.....	10
<b>II GTK+ Stack Libraries</b> .....	<b>11</b>
6 Libraries.....	12
6.1 Introduction.....	12
6.2 Interfaces for libglib-2.0.....	13
6.3 Data Definitions for libglib-2.0.....	20
6.4 Interfaces for libgmodule-2.0.....	21
6.5 Data Definitions for libgmodule-2.0.....	21
6.6 Interfaces for libgobject-2.0.....	22
6.7 Data Definitions for libgobject-2.0.....	23
6.8 Interfaces for libgthread-2.0.....	24
6.9 Interfaces for libgio-2.0.....	24
6.10 Data Definitions for libgio-2.0.....	25
6.11 Interfaces for libatk-1.0.....	42
6.12 Data Definitions for libatk-1.0.....	42
6.13 Interfaces for libpango-1.0.....	43
6.14 Data Definitions for libpango-1.0.....	43
6.15 Interfaces for libpangocairo-1.0.....	44
6.16 Data Definitions for libpangocairo-1.0.....	44
6.17 Interfaces for libpangoft2-1.0.....	45
6.18 Data Definitions for libpangoft2-1.0.....	45
6.19 Interfaces for libpangoft2-1.0.....	46
6.20 Data Definitions for libpangoft2-1.0.....	46
6.21 Interfaces for libgdk_pixbuf-2.0.....	47
6.22 Data Definitions for libgdk_pixbuf-2.0.....	47
6.23 Interfaces for libgdk_pixbuf_xlib-2.0.....	48
6.24 Data Definitions for libgdk_pixbuf_xlib-2.0.....	48
6.25 Interfaces for libgdk-x11-2.0.....	48
6.26 Data Definitions for libgdk-x11-2.0.....	49
6.27 Interfaces for libgtk-x11-2.0.....	49
6.28 Data Definitions for libgtk-x11-2.0.....	50
<b>III Qt Libraries</b> .....	<b>53</b>
7 Libraries.....	54
7.1 Introduction.....	54
7.2 Interfaces for libQtCore.....	55
7.3 Data Definitions for libQtCore.....	69
7.4 Interface Definitions for libQtCore.....	78
7.5 Interfaces for libQtGui.....	79
7.6 Data Definitions for libQtGui.....	355
7.7 Interfaces for libQtXml.....	375
7.8 Data Definitions for libQtXml.....	384
7.9 Interfaces for libQtOpenGL.....	385
7.10 Data Definitions for libQtOpenGL.....	390
7.11 Interfaces for libQtSql.....	390

7.12 Data Definitions for libQtSql.....	394
7.13 Interfaces for libQtSvg .....	396
7.14 Data Definitions for libQtSvg .....	400
7.15 Interfaces for libQtNetwork.....	400
7.16 Data Definitions for libQtNetwork.....	403
<b>IV Package Format and Installation .....</b>	<b>406</b>
8 Software Installation .....	407
8.1 Package Dependencies.....	407
<b>Annex A Alphabetical Listing of Interfaces by Library .....</b>	<b>408</b>
A.1 libGL.....	408
A.2 libGLU.....	418
A.3 libICE .....	419
A.4 libSM .....	420
A.5 libX11 .....	421
A.6 libXext .....	432
A.7 libXft .....	434
A.8 libXi .....	435
A.9 libXrender .....	436
A.10 libXt .....	437
A.11 libXtst.....	442
A.12 libcairo .....	442
A.13 libcairo-gobject .....	449
A.14 libcairo-script-interpreter.....	450
A.15 libfontconfig.....	450
A.16 libfreetype .....	453
A.17 libjpeg.....	455
A.18 libpng12 .....	456
A.19 libtiff.....	459
A.20 libxcb.....	461
A.21 libQtCore.....	470
A.22 libQtGui.....	470
A.23 libQtOpenGL .....	476
A.24 libQtSql .....	476
A.25 libQtSvg.....	476
A.26 libQtXml.....	477
A.27 libasound .....	477