

# DIN EN ISO 19117:2014-06 (E)

Geographic information - Portrayal (ISO 19117:2012); English version EN ISO 19117:2014

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
Introduction .....		4
1	Scope .....	5
2	Conformance .....	5
3	Normative references .....	6
4	Terms and definitions .....	6
5	Abbreviated terms .....	10
6	Portrayal mechanism .....	10
6.1	Introduction .....	10
6.2	Portrayal functions .....	12
6.3	Portray nothing .....	14
6.4	Default portrayal .....	14
6.5	Annotation .....	14
6.6	Overview of portrayal .....	14
7	Package -- ISO 19117 Portrayal .....	15
7.1	Introduction .....	15
7.2	Symbol structure .....	16
8	Package - Portrayal Core .....	21
8.1	Package semantics .....	21
8.2	Package - Portrayal Function .....	22
8.3	Package - Symbol .....	27
8.4	Package - Portrayal Catalogue .....	45
9	Package - Portrayal Extensions .....	47
9.1	Package semantics .....	47
9.2	Package - Conditional Function Extension .....	47
9.3	Package - Context Extension .....	50
9.4	Package - Compound Symbol Extension .....	54
9.5	Package - Complex Symbol Extension .....	63
9.6	Package - Reusable Symbol Component Extension .....	69
9.7	Package - Symbol Parameter Extension .....	73
9.8	Package - Function Symbol Parameter Extension .....	79
10	Basic implementation package .....	85
10.1	Package - Feature Data Model .....	85
Annex A (normative) Abstract test suite .....		87
Annex B (informative) Rules-based portrayal functions .....		91
Annex C (informative) Enterprise view of portrayal .....		93
Bibliography .....		99