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202310761011.0 2023年6月26日 (26.06.2023) CN
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- (81) 指定国(除另有指明, 要求每一种可提供的国家保护): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW。
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(54) Title: OBJECT PROCESSING METHOD AND COMPUTING DEVICE

(54) 发明名称: 对象处理方法及计算设备

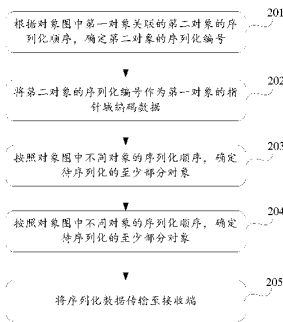


图 2

- 201 According to the serialization sequence of second objects associated with a first object in an object graph, determine the serialization numbers of the second objects
- 202 Use the serialization numbers of the second objects as pointer field coded data of the first object
- 203 According to the serialization sequence of different objects in the object graph, determine at least some of objects to be serialized
- 204 According to the serialization sequence of different objects in the object graph, determine at least some of objects to be serialized
- 205 Transmit the serialized data to a receiving end

(57) Abstract: Embodiments of the present application provide an object processing method and a computing device. The method comprises: according to the serialization sequence of second objects associated with a first object in an object graph, determining the serialization numbers of the second objects; using the serialization numbers of the second objects as pointer field coded data of the first object; according to the serialization sequence of different objects in the object graph, determining at least some of objects to be serialized; on the basis of value field coded data and pointer field coded data of the at least some of objects, generating serialized data of the at least some of objects; and transmitting the serialized data to a receiving end, the receiving end being used for obtaining the object graph taking into account the anti-serialization result of at least one piece of serialized data corresponding to the object graph. The technical solution provided by the embodiments of the present application reduces end-to-end delay and improves processing efficiency.

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(AM, AZ, BY, KG, KZ, RU, TJ, TM), 欧洲 (AL, AT, BE,
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR,
HU, IE, IS, IT, LT, LU, LV, MC, ME, MK, MT, NL, NO,
PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF,
CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN,
TD, TG)。

本国际公布：
— 包括国际检索报告(条约第21条(3))。

(57) 摘要: 本申请实施例提供了一种对象处理方法及计算设备。其中, 根据对象图中第一对象关联的第二对象的序列化顺序, 确定所述第二对象的序列化编号; 将所述第二对象的序列化编号作为所述第一对象的指针域编码数据; 按照所述对象图中不同对象的序列化顺序, 确定待序列化的至少部分对象; 基于所述至少部分对象的值域编码数据及指针域编码数据, 生成所述至少部分对象的序列化数据; 将所述序列化数据传输至接收端; 所述接收端用以结合所述对象图对应的至少一个序列化数据的反序列化结果, 获得所述对象图。本申请实施例提供的技术方案降低了端到端延迟, 提高了处理效率。