message GetBNItemsRequest {

required RequestHeader header = 1; // 请求头部,各种key

optional bytes algorithmId = 2; // 算法id，soul内部使用，固定为bnitems

optional int32 limit = 3; // 建议返回结果最大返回多少个poi，没有用

// 以下字段意义跟“AS与RP的通信协议” 字段一致

optional int32 source = 4; // 来源 0为app 1为pc，注意区分

optional bytes userid = 5; // 用户id，详细对应参看 AS与RP的通信协议，没用

optional bytes cuid = 6; //，没用

optional bytes baidu\_id = 7; 没用

optional bytes nm\_key = 8; 没用

optional bytes useridtype = 9; // userid对应的id体系类型，保留字段，没用

optional bytes coor\_sys = 10; // 坐标体系，没用

optional float x = 11; // 对应为na端时，摩卡托坐标x，app要，pc不要

optional float y = 12; // 对应为na端时，摩卡托坐标y，app要，pc不要

optional int64 area\_id = 13; // 对应pc或者na端，用户所在的城市id，app不需要，pc需要

optional bytes query = 14;//没用

repeated int64 vec\_catg = 15;

repeated int64 vec\_subcatg = 16;

repeated int64 vec\_thdcatg = 17;

repeated int64 vec\_shop\_dist = 18;

repeated int64 vec\_shop\_range = 19;全部没用

repeated bytes item\_ids = 20; // 百糯qrw识别出来的请求poi id，允许多个，必定不能为空

optional int32 item\_id\_format = 21; // 0为字符串可视格式， 1为uint64\_t格式,固定为64位

repeated int64 qrw\_vec\_brand\_id = 22;

repeated int64 qrw\_vec\_thdcatg = 23;

repeated int64 qrw\_vec\_subcatg = 24;

repeated int64 qrw\_vec\_catg = 25;

repeated int64 qrw\_vec\_shop\_city = 26;

repeated int64 qrw\_vec\_shop\_dist = 27;

repeated int64 qrw\_vec\_shop\_range = 28;

repeated Arg args = 29; // 可扩展字段 全部没用

}

message GetBNItemsResponse {

repeated ItemBytes items = 1; // Item的id为推荐的poi

optional bytes userid = 2; // 根据请求回填的userid

optional bytes algorithmId = 3;

optional bytes uniqId = 4;

optional bytes bid = 5;

repeated Arg args = 6;

}