黑马物联　连世界

黑马物联G系列云盒子与西门子全系列
远程通讯篇v2.0

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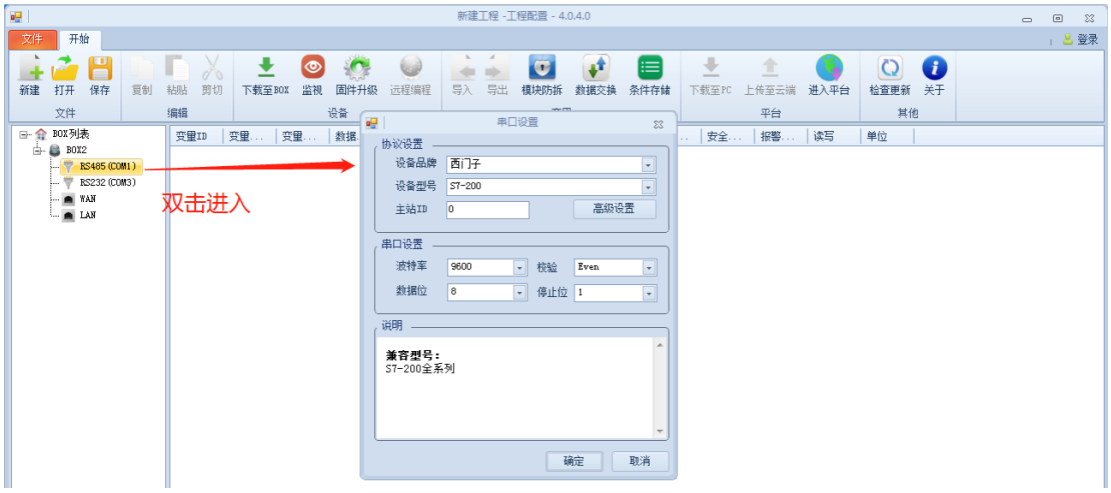
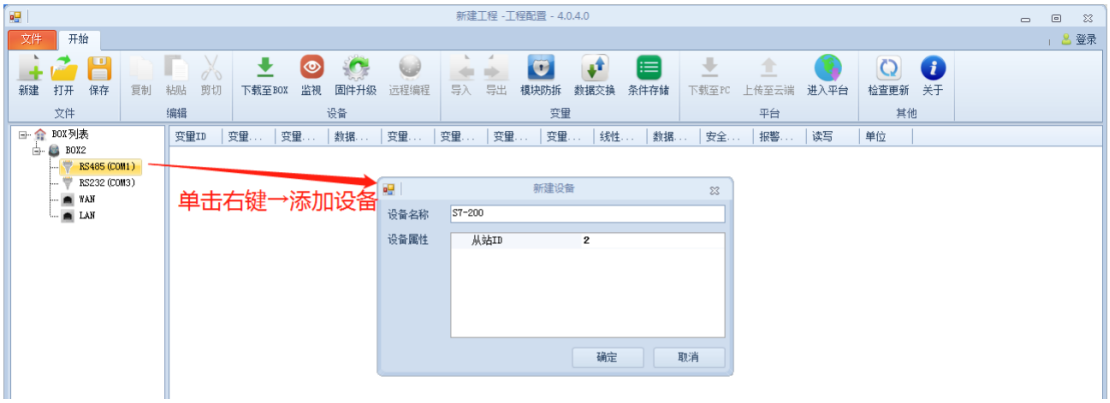
1. S7-200

1. 设置串口参数（STEP7 MicroWin设置，和box设置保持一致）

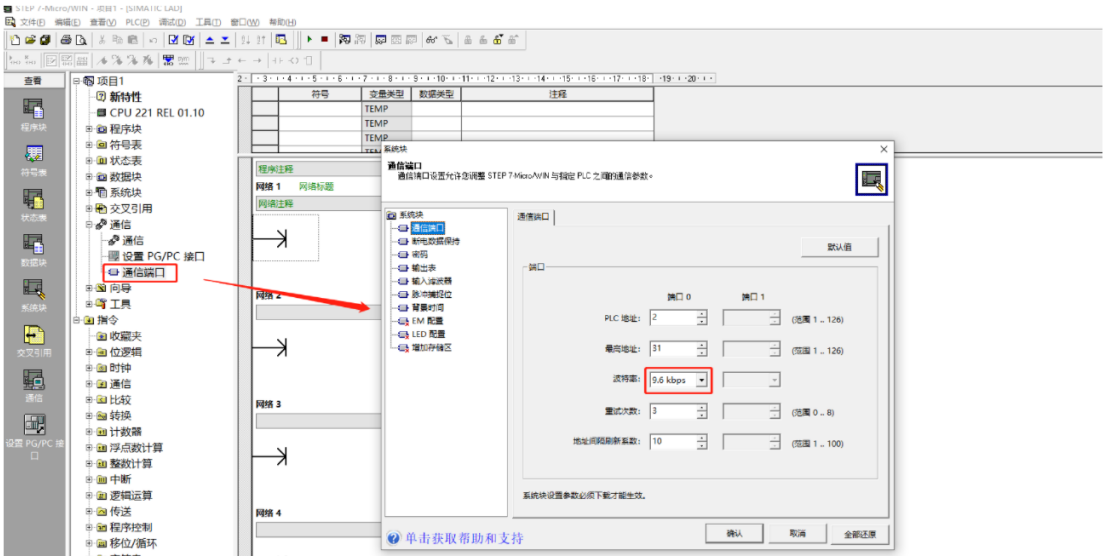


2. 添加设备



3. 添加变量

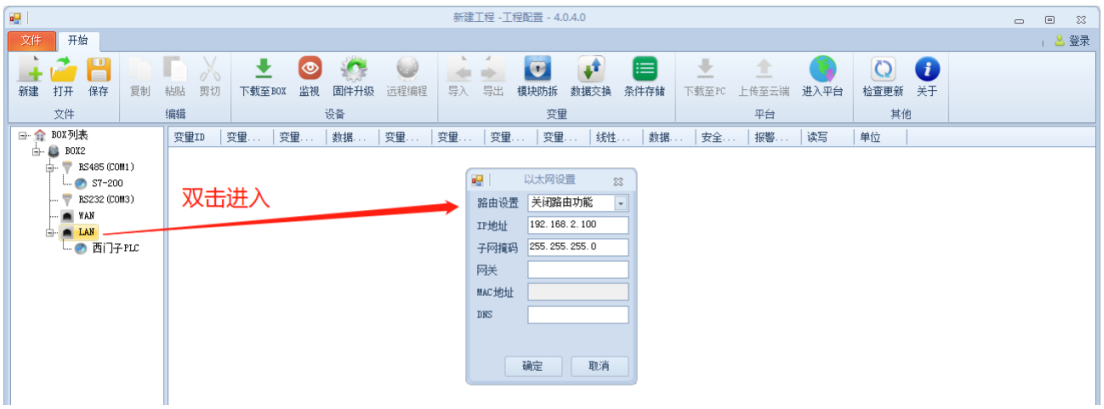
4. PLC设置



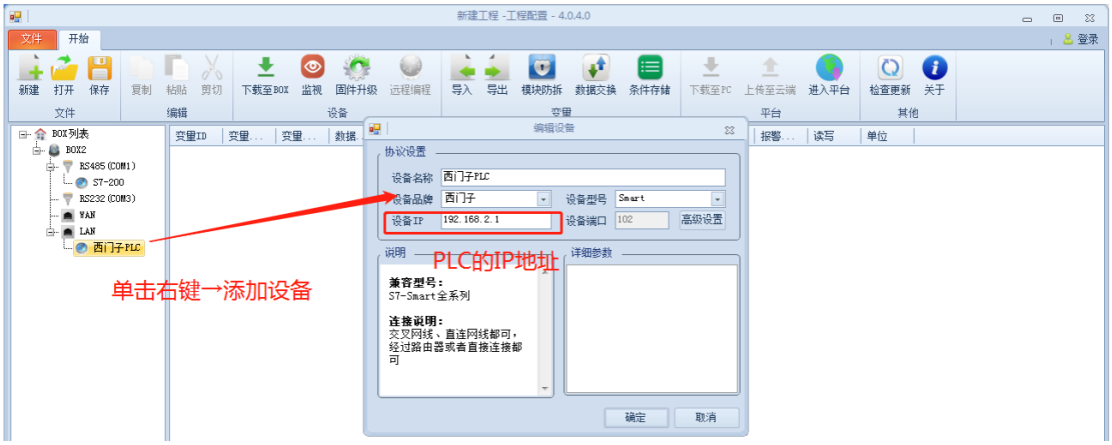
2. S7-Smart

通讯线缆：普通网线

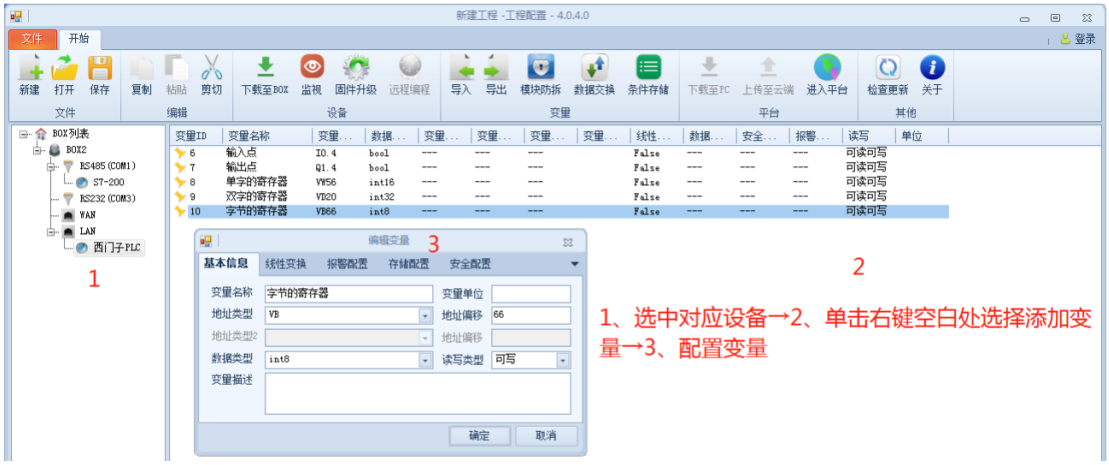
1. Box设置（注意：修改box参数，与PLC保持在同一网段）



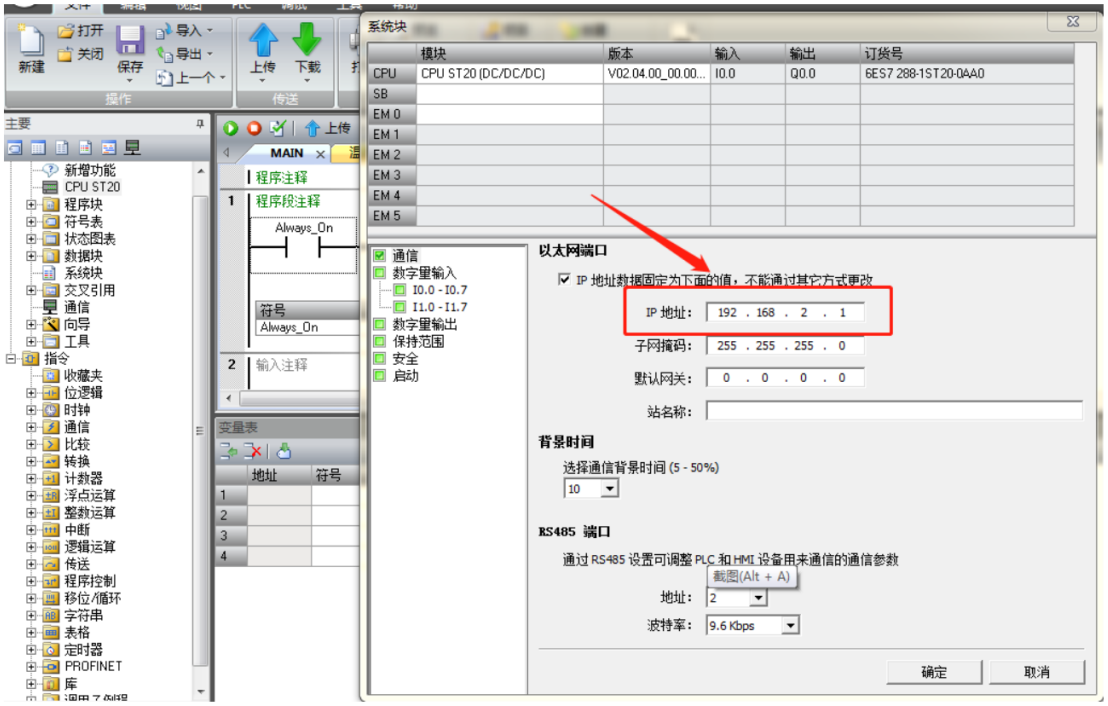
2. 添加设备



3. 添加变量



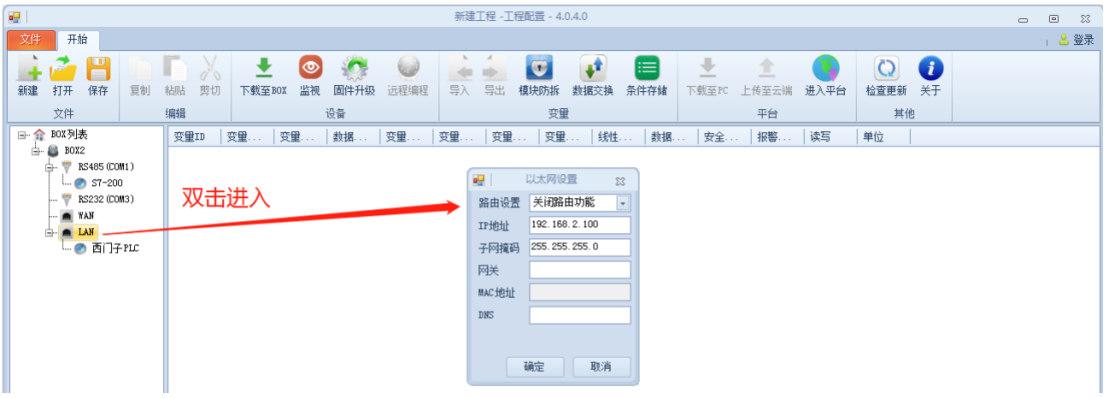
4. PLC设置



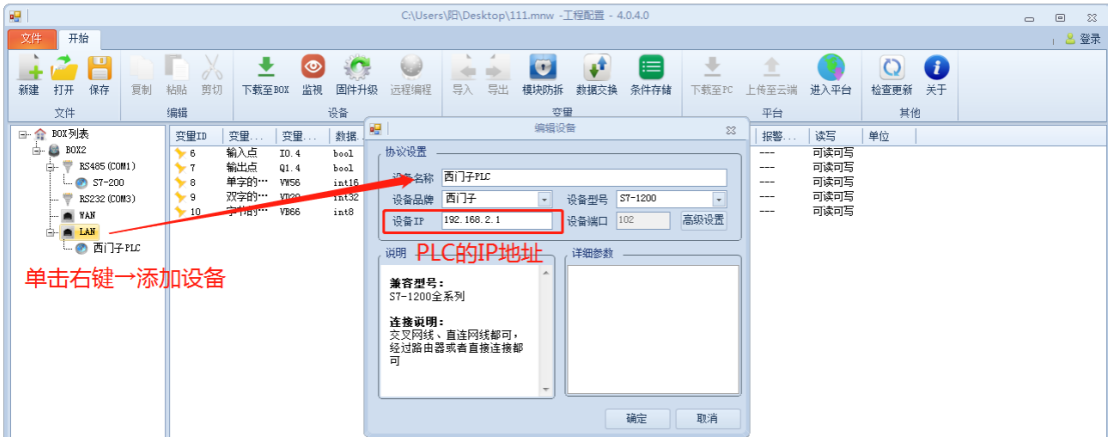
3. S7-1200

通讯线缆：普通网线

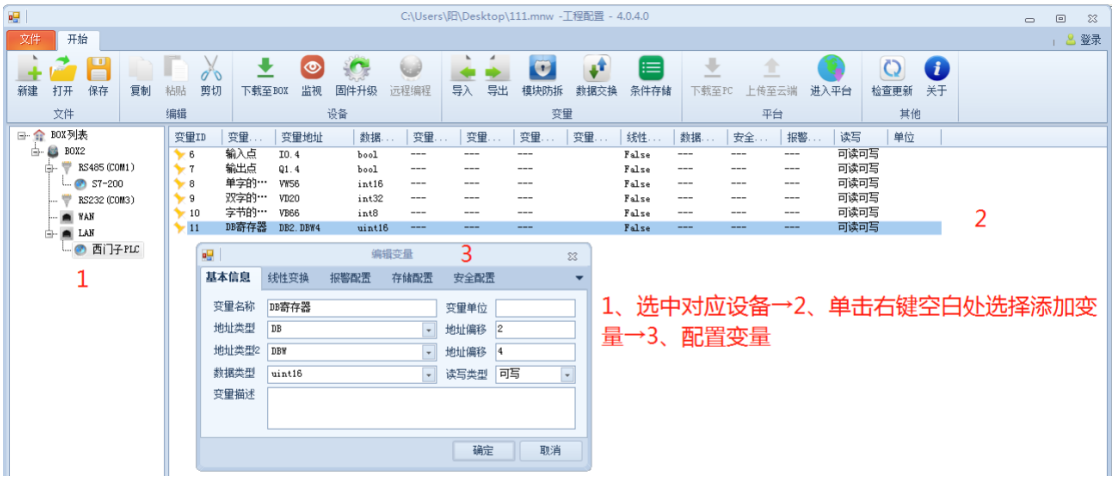
1. Box设置（注意：修改box参数，与PLC保持在同一网段）



2. 添加项目

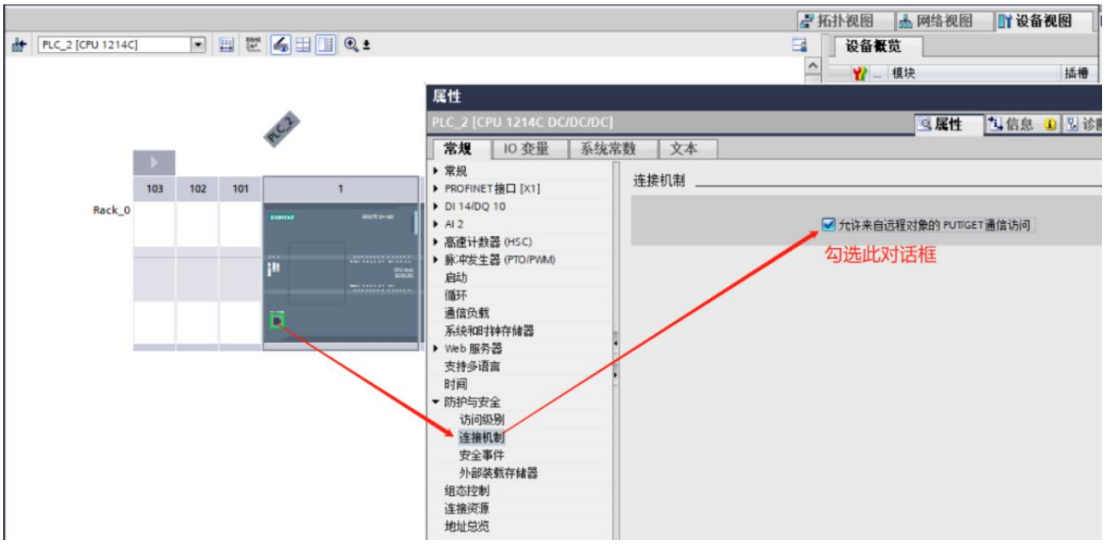


3. 添加变量



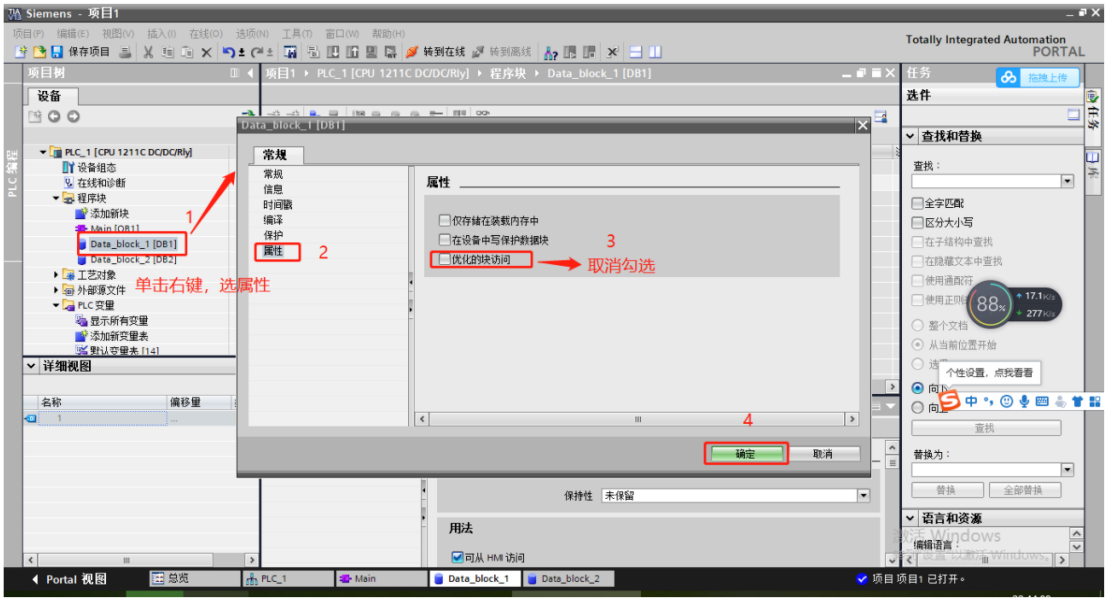
4. PLC设置

西门子1200、1500PLC使用博图软件配置时，需要打开“允许从远程伙伴（PLC、HMI、OPC...）使用PUT/GET通讯访问”，具体位置如下图所示：



对与固件版本高于V4.1的西门子1200、1500PLC，如果要访问DB数据块，需要对DB数据做两处设置。

设置DB块属性，去掉“优化的块访问”选项的勾选

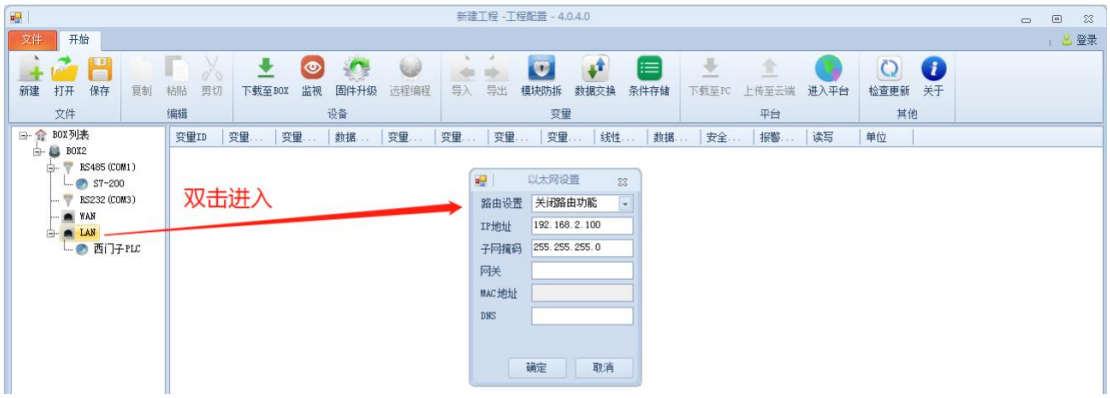


建立变量时，勾选“设置值”选项

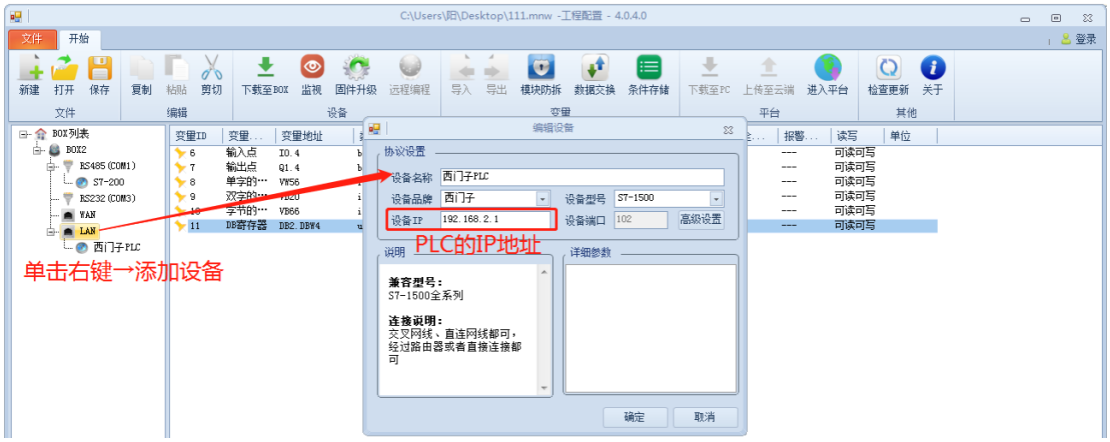
4. S7-1500

通讯线缆：普通网线

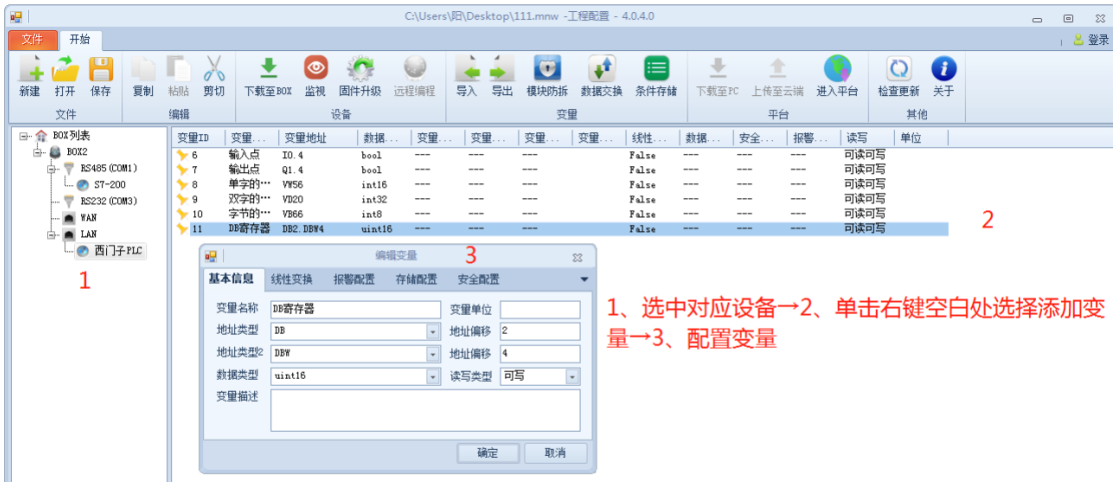
1. Box设置（注意：修改box参数，与PLC保持在同一网段）



2. 添加项目

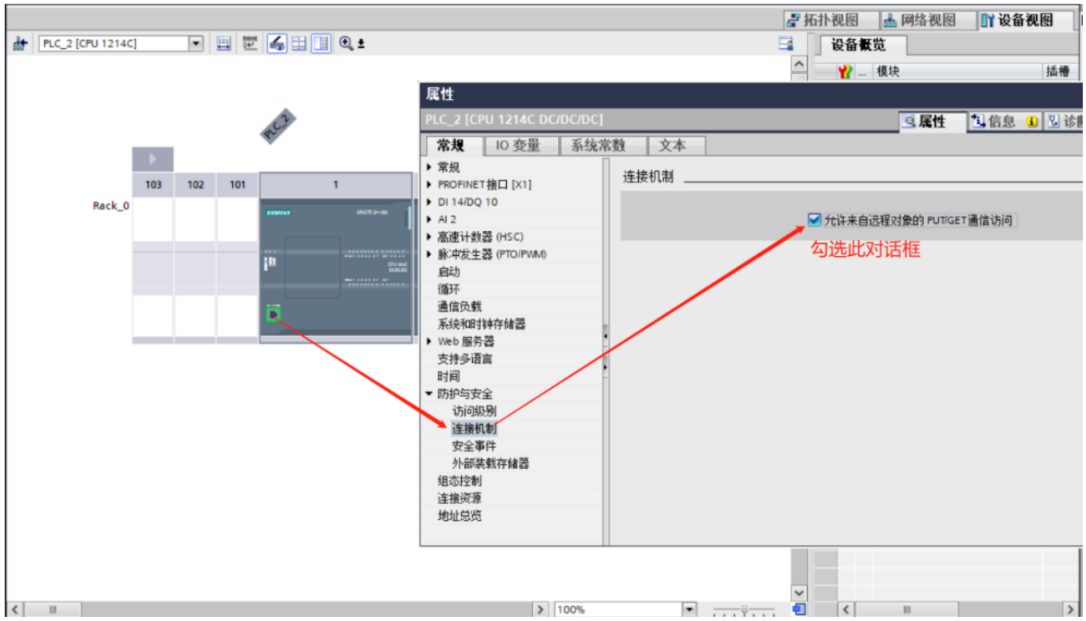


3. 添加变量



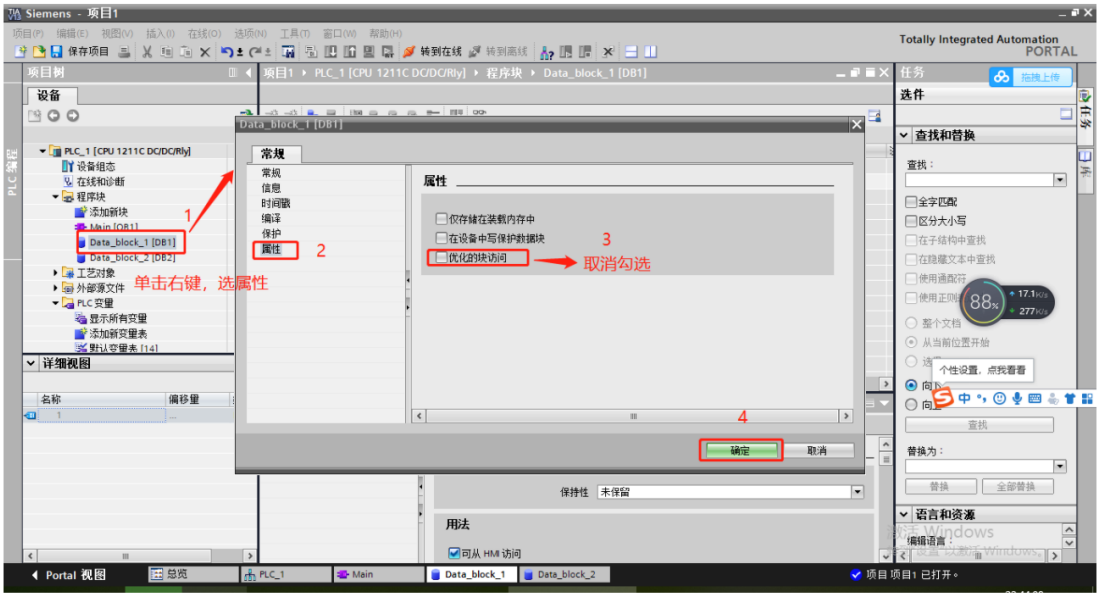
4. PLC设置

西门子1200、1500PLC使用博图软件配置时，需要打开“允许从远程伙伴（PLC、HMI、OPC...）使用PUT/GET通讯访问”，具体位置如下图所示：



对与固件版本高于V4.1的西门子1200、1500PLC，如果要访问DB数据块，需要对DB数据做两处设置。

设置DB块属性，去掉“优化的块访问”选项的勾选

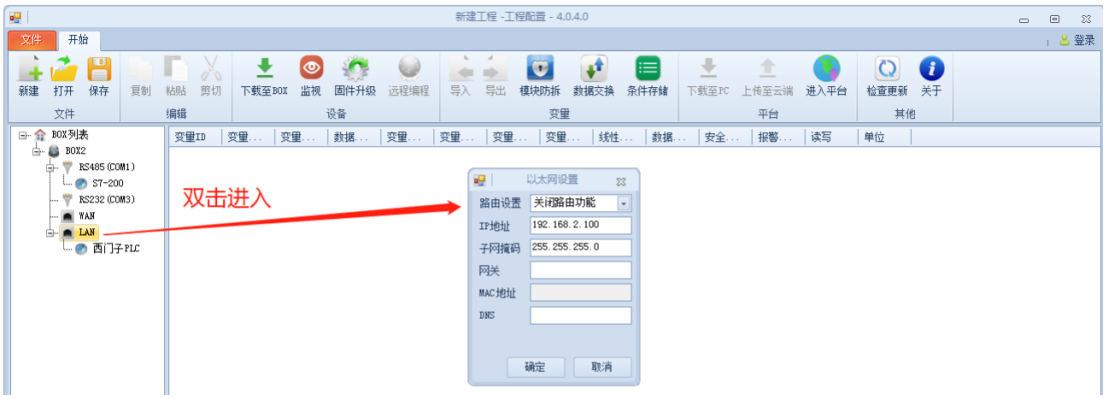


建立变量时，勾选“设置值”选项

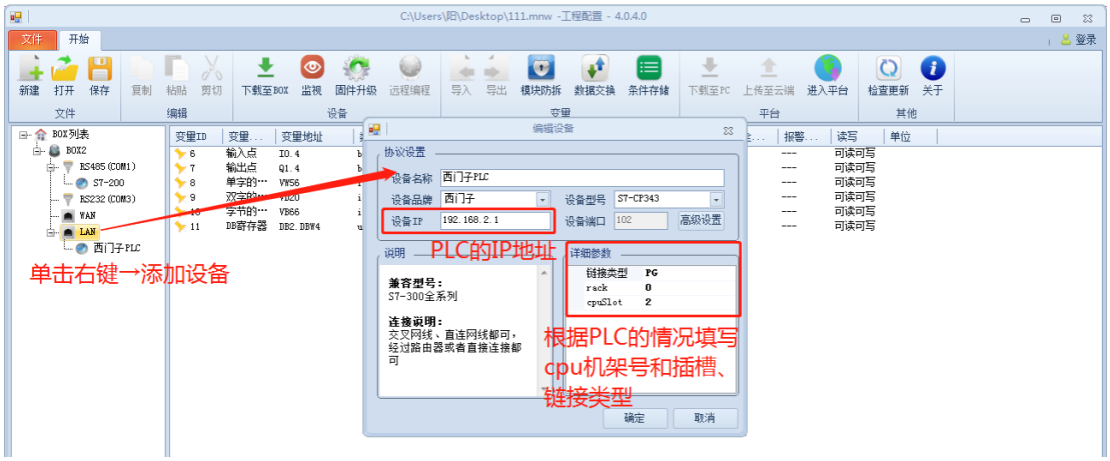
5. S7-300

通讯线缆：普通网线

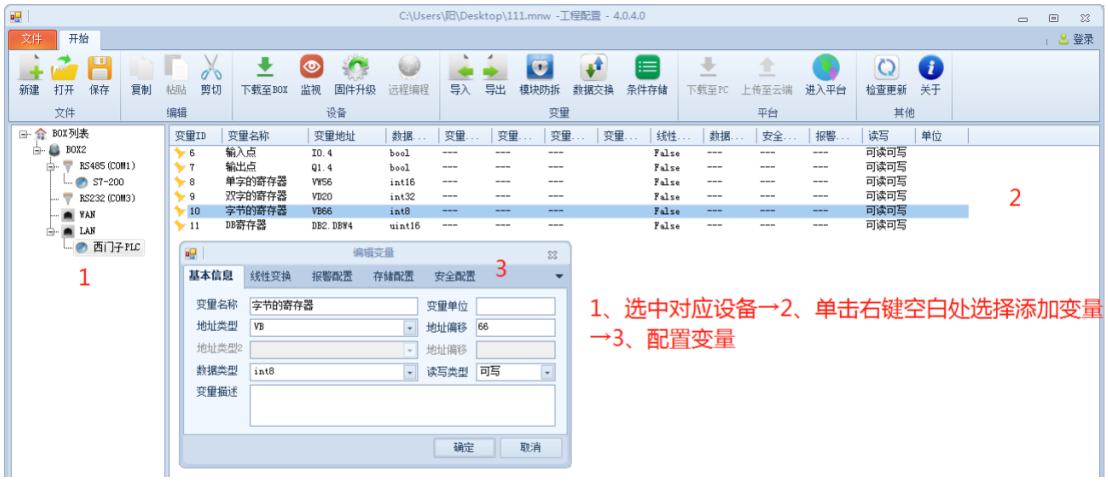
1. Box配置（注意：修改box参数，与PLC保持在同一网段）



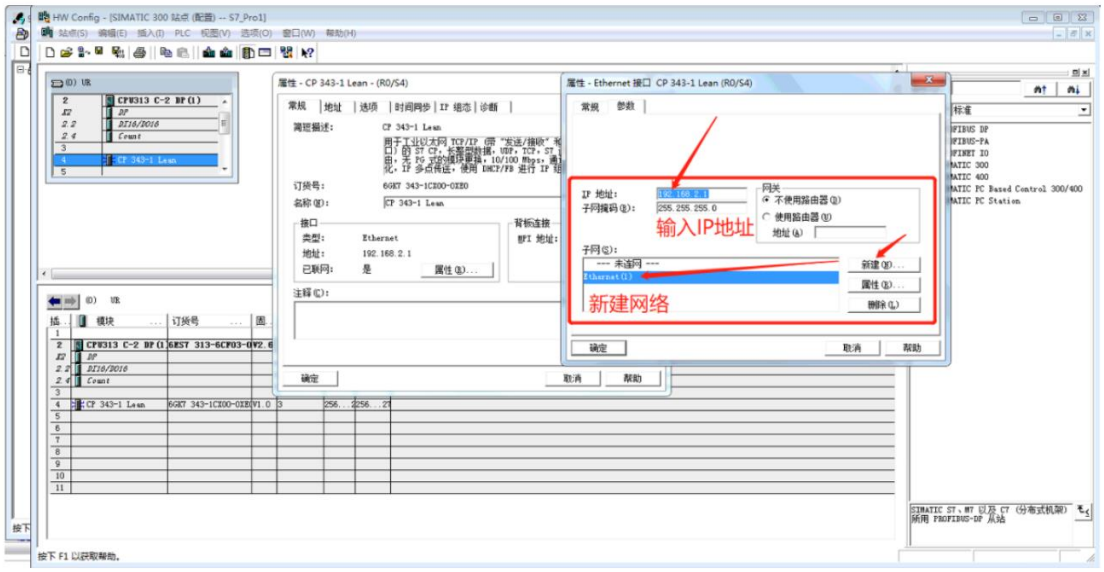
2. 添加项目



3. 添加变量



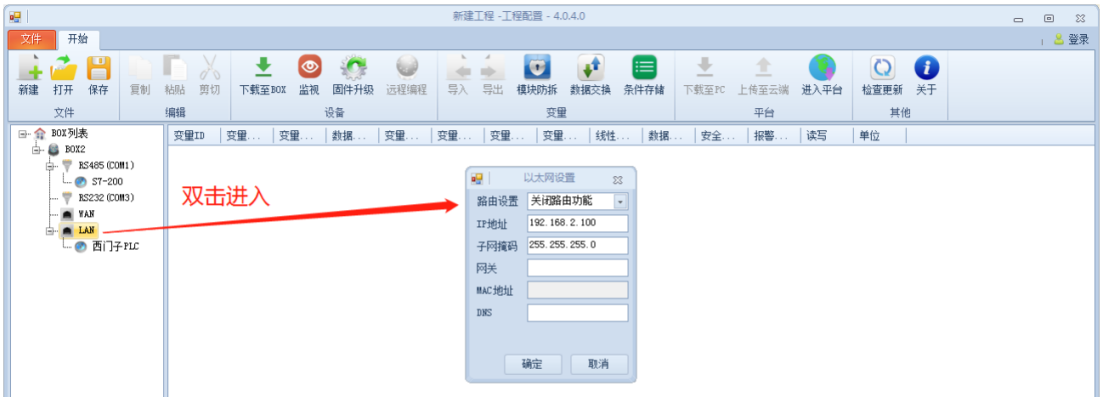
4. PLC设置



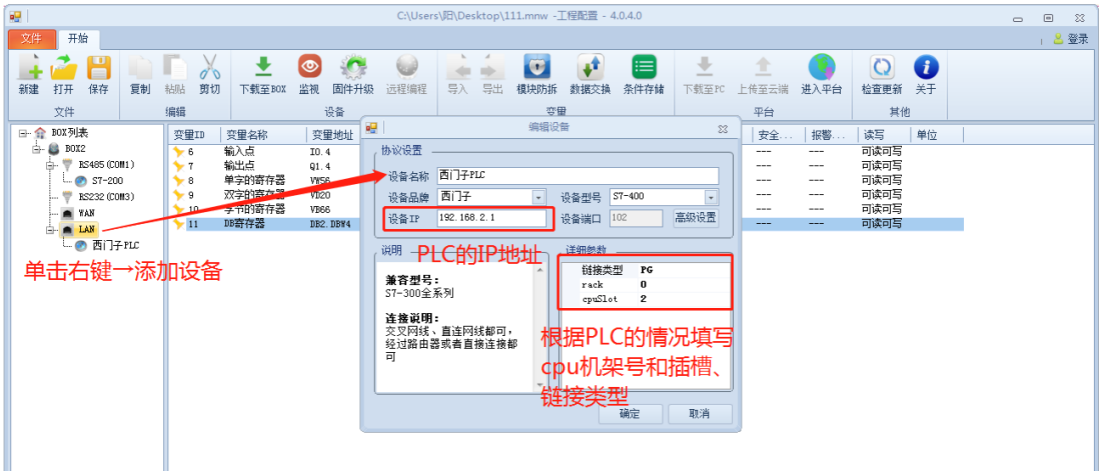
6. S7-400

通讯线缆：普通网线

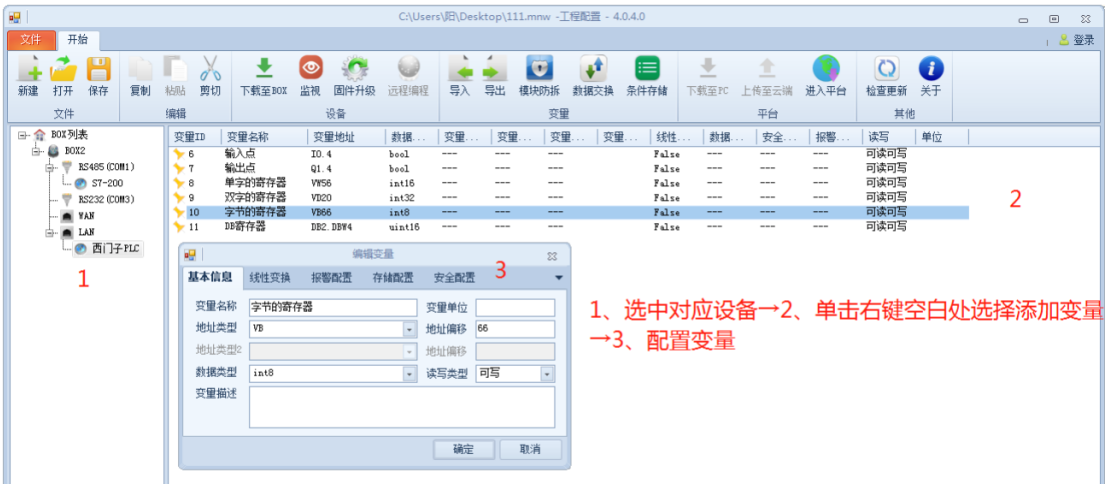
1. Box配置（注意：修改box参数，与PLC保持在同一网段）



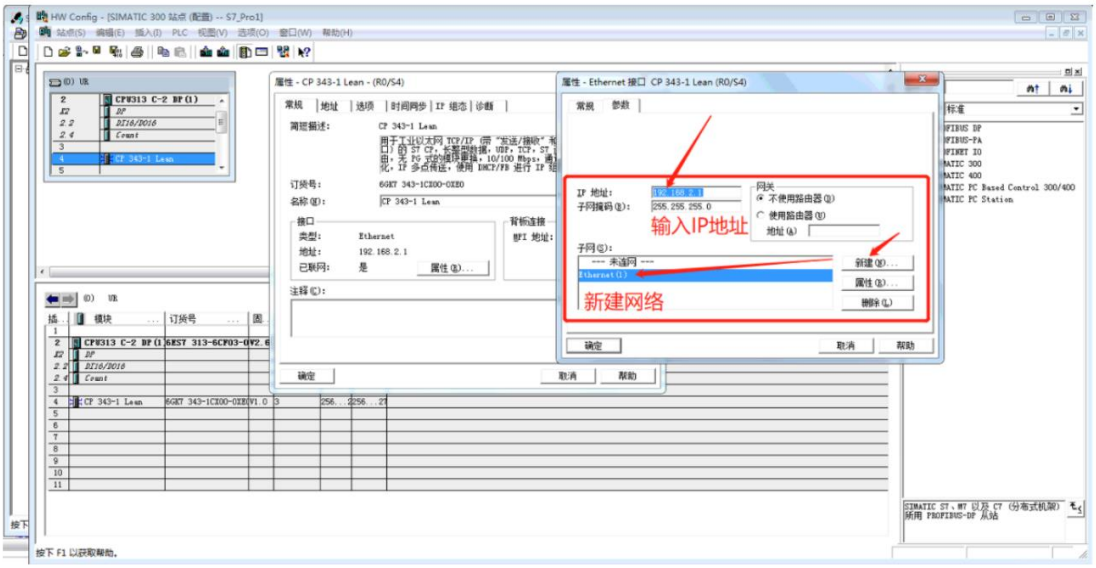
2. 添加项目



3. 添加变量



4. PLC设置



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版本	日期	原因
V2.0	2021/9/14	初步发布文档