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AUTORUN EXAMPLE USECASES

Example use cases for Solibri Office with Autorun Extension

Example use case 1. Create a federated model automatically. (keep your .smc model up-to-date with the newest ifc's)

Example use case 2. Open ifc's, classifications* and rulesets*, run checkings and report issues directly with Autorun.

* If a role is selected in a previous Solibri session, the resources (classifications and rulesets) are opened by default and they are not required to be opened with Autorun.

Example use case 3. Open a .smc model*, update new ifc's, run checkings, report issues and save the model. (keep your .smc model and found issues up-to-date)

* If the .smc model already contains the resources (rulesets, classifications) they are not required to be opened again

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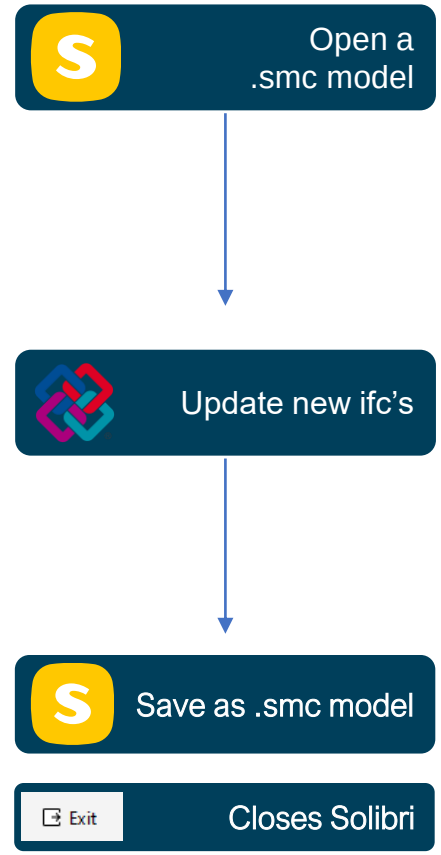
Example use case 1. Create a federated model automatically. (keep your .smc model up-to-date with the newest ifc's)

Text highlited in red needs to be defined in the .xml file by the user

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<batch name="Simple Batch" default="root">
   <!-- This is the starting task -->
   <target name="root">
                        <openmodel
                                    file="C:\Users\Public\Solibri\SOLIBRI\Samples\models\Solibri model.smc" />
                        <updatemodel
                                    file="C:\Users\Public\Solibri\SOLIBRI\Samples\ifc\Solibri Building.ifc"
                                    with="C:\Users\Public\Solibri\SOLIBRI\Samples\ifc\Solibri Building.ifc"/>
                        <updatemodel
                                    file="C:\Users\Public\Solibri\SOLIBRI\Samples\ifc\Solibri Building Structural.ifc"
                                    with="C:\Users\Public\Solibri\SOLIBRI\Samples\ifc\Solibri Building Structural.ifc"/>
                        <updatemodel
                                    file="C:\Users\Public\Solibri\SOLIBRI\Samples\ifc\Ground_Floor_Vent.ifc"
                                    with="C:\Users\Public\Solibri\SOLIBRI\Samples\ifc\Ground_Floor_Vent.ifc"/>
                        <updatemodel
                                    file="C:\Users\Public\Solibri\SOLIBRI\Samples\ifc\First_Floor_Vent.ifc"
                                    with="C:\Users\Public\Solibri\SOLIBRI\Samples\ifc\First_Floor_Vent.ifc"/>
                        <updatemodel
                                    file="C:\Users\Public\Solibri\SOLIBRI\Samples\ifc\Second_Floor_Vent.ifc"
                                    with="C:\Users\Public\Solibri\SOLIBRI\Samples\ifc\Second_Floor_Vent.ifc"/>
                        <savemodel
                                    file="C:\Users\Public\Solibri\SOLIBRI\Samples\models\Solibri model.smc" />
                        <exit />
   </target>
</batch>
```



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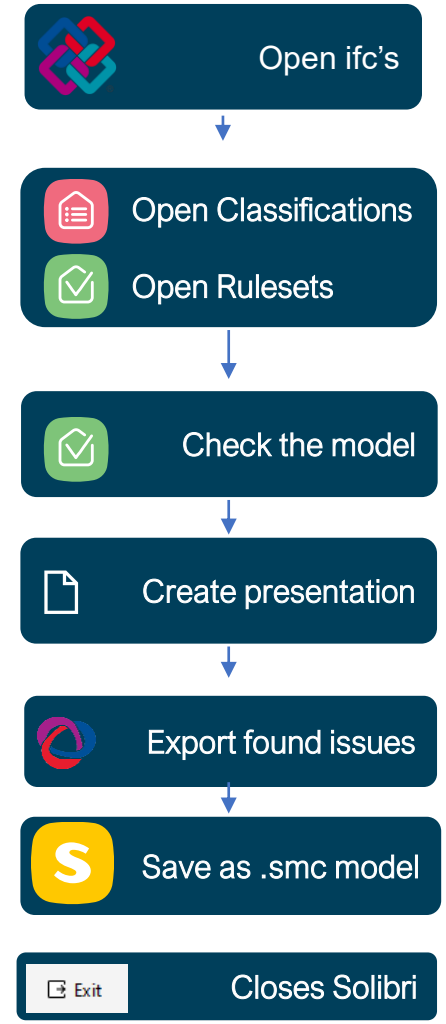
Example use case 2. Open ifc's, classifications* and rulesets*, run checkings and report issues directly with Autorun.

Text highlited in red needs to be defined in the .xml file by the user

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<batch name="Simple Batch" default="root">
  <!-- This is the starting task -->
  <target name="root">

                    <openmodel
                              file="C:\Users\Public\Solibri\SOLIBRI\Samples\ifc\Solibri building.ifc" />

                    <openclassification
                              file="C:\Users\Public\Solibri\SOLIBRI\Classifications\Building Elements - General.classification"/>

                    <openruleset
                              file="C:\Users\Public\Solibri\SOLIBRI\Rulesets\Architectural Rules\BIM Validation - Architectural.cset"/>

                    <check />

                    <autocomment zoom="TRUE" />

                    <createpresentation />

                    <bcfreport file=" C:\Users\Public\Solibri\SOLIBRI\Samples\reports\Found issues.bcfzip" version="2" />

                    <savemodel
                              file=" C:\Users\Public\Solibri\SOLIBRI\Samples\models\Solibri model.smc" />

                    <exit />

  </target>
</batch>
```



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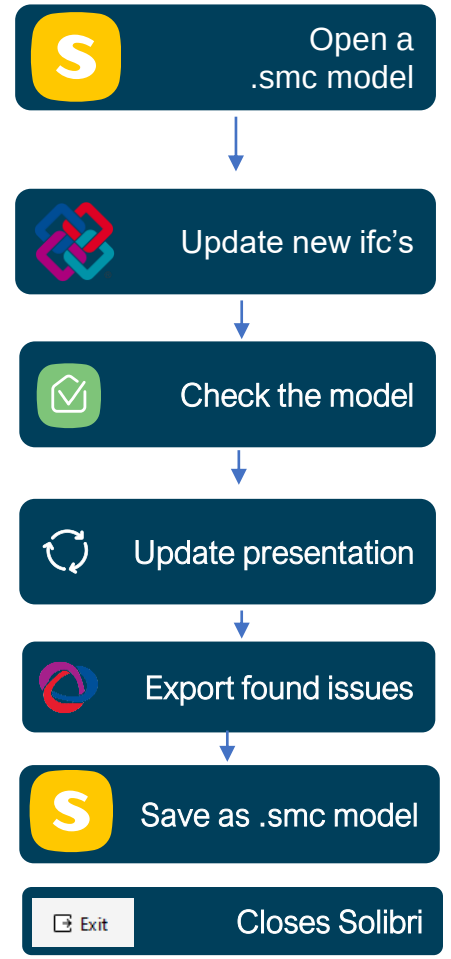
Example use case 3. Open a .smc model*, run checkings, report issues and save the model. (keep your .smc model and found issues up-to-date)

Text highlited in red needs to be defined in the .xml file by the user

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<batch name="Simple Batch" default="root">
  <!-- This is the starting task -->
  <target name="root">

                    <openmodel
                              file="C:\Users\Public\Solibri\SOLIBRI\Samples\models\Solibri model.smc" />

                    <updatemodel
                              file="C:\Users\Public\Solibri\SOLIBRI\Samples\ifc\Solibri Building.ifc"
                              with="C:\Users\Public\Solibri\SOLIBRI\Samples\ifc\Solibri Building.ifc"/>

                    <check />

                    <autocomment zoom="TRUE" />

                    <updatepresentation />

                    <bcfreport file="C:\Users\Public\Solibri\SOLIBRI\Samples\reports\Found issues.bcfzip" version="2" />

                    <savemodel
                              file="C:\Users\Public\Solibri\SOLIBRI\Samples\models\Solibri model.smc" />

                    <exit />

  </target>
</batch>
```



* If the .smc model already contains the resources (rulesets, classifications) they are not required to be opened again

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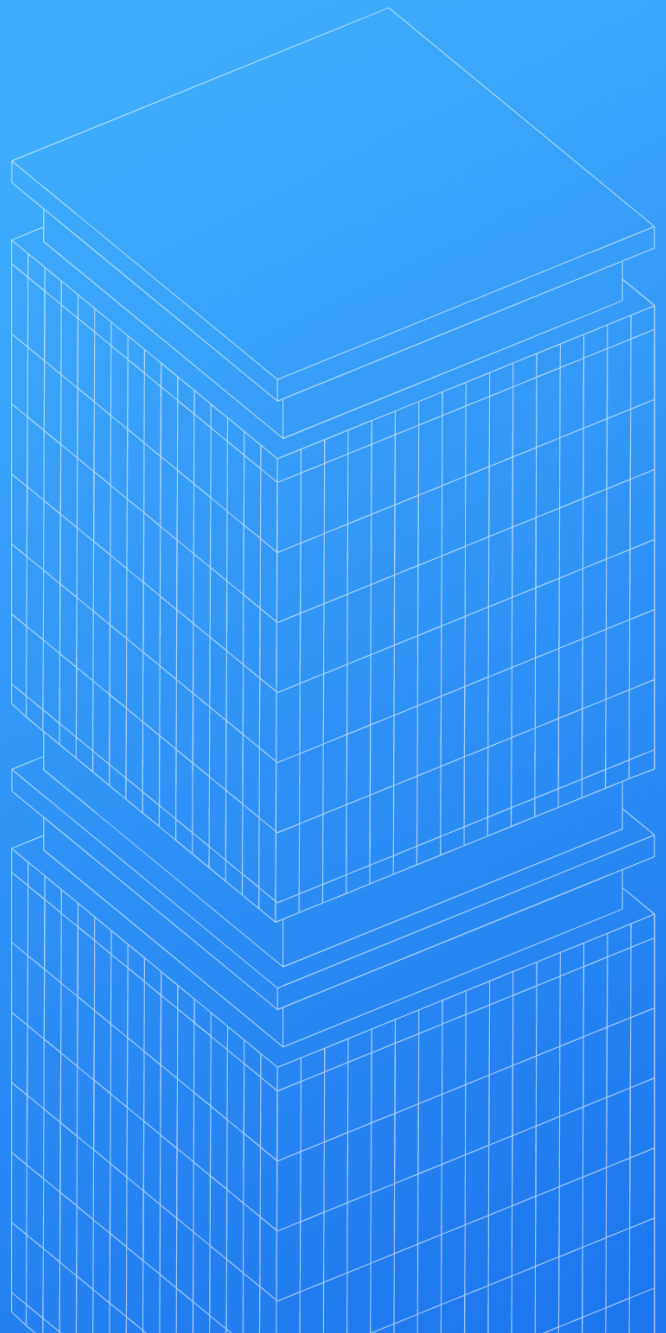
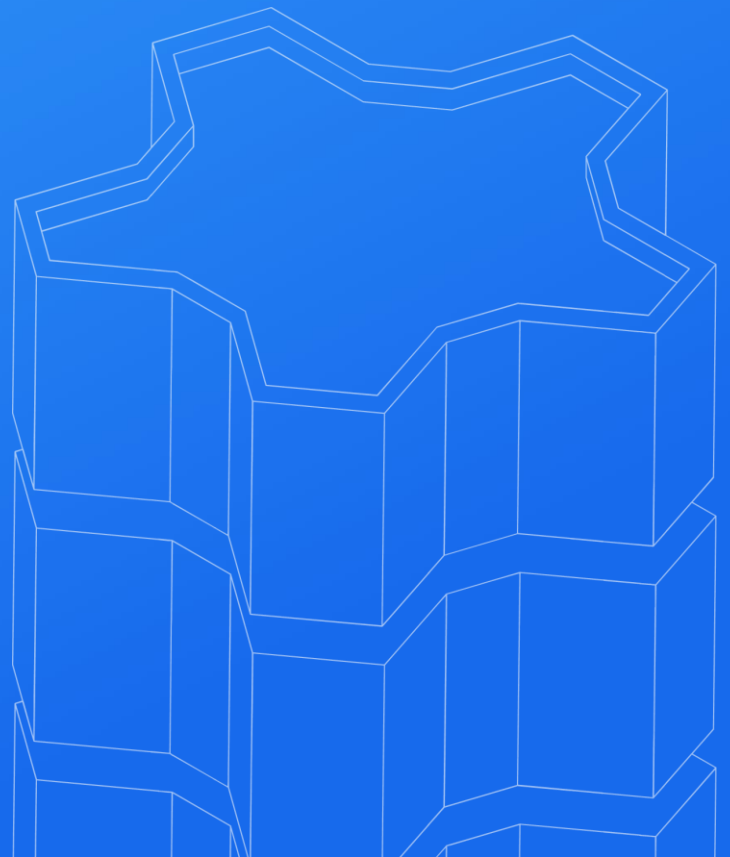
Thank you!