

Pensieve header: Make the snip files in Cnips/.

```
(Alt) In[ ]:= files =
  (f1 = Union@MakeSnips["SL2Invariant.nb"]) ∪ (f2 = {} (*Union@MakeSnips["ybax.nb"]*)) ;
DeleteFile /@ Complement[StringReplace["\" → "/] /@ FileNames["Cnips/*.pdf"], files];
{Length /@ {f1, f2}, Union[f1, f2]}

(Alt) Out[ ]:= {{29, 0}, {Cnips/Program-10.pdf, Cnips/Program-11.pdf, Cnips/Program-12.pdf,
  Cnips/Program-13.pdf, Cnips/Program-14.pdf, Cnips/Program-15.pdf, Cnips/Program-16.pdf,
  Cnips/Program-17.pdf, Cnips/Program-18.pdf, Cnips/Program-19.pdf, Cnips/Program-1.pdf,
  Cnips/Program-20.pdf, Cnips/Program-21.pdf, Cnips/Program-22.pdf,
  Cnips/Program-23.pdf, Cnips/Program-24.pdf, Cnips/Program-25.pdf,
  Cnips/Program-26.pdf, Cnips/Program-2.pdf, Cnips/Program-3.pdf, Cnips/Program-4.pdf,
  Cnips/Program-5.pdf, Cnips/Program-6.pdf, Cnips/Program-7.pdf, Cnips/Program-8.pdf,
  Cnips/Program-9.pdf, Cnips/Trefoil-1.pdf, Cnips/Trefoil-2.pdf, Cnips/Trefoil-3.pdf}}
```

## Prolog

```
(Alt) In[ ]:= SetDirectory["C:\\drorbn\\AcademicPensieve\\Talks/Toronto-1811"];
Get["../../Talks/Matemale-1804/CellExport.m"];
BeginPackage["Snips`", {"CellExport`"}];
MakeSnips;
Begin["`private`"];
SetOptions[$FrontEndSession, PrintingStyleEnvironment → "Working"];
```

## SL2Invariant Snips

(Alt) In[ ]:=

```

MakeSnips[nb_] := (
  If[Head[$FrontEnd] === FrontEndObject,
    SetOptions[CellExport, ExportFormat → ".pdf", Split → True,
      PageWidth → 7.12, ExportOptions → {ImageSize → Scaled[0.75]}],
    SetOptions[CellExport, ExportFormat → ".pdf", Split → True, PageWidth → 7.12]
  ];
  SourceNotebook = Get[nb];
  DialogTags = {};
  tags = Cases[SourceNotebook, (CellTags → tag_) ⇒ tag, Infinity] // Union;
  files = Reap[Flatten[Table[
    Which[
      tag == "817",
      { (* this is only left here as a demo for how to make an exception *)
        Sow@CellExport[SourceNotebook, "817", {CellFilter → First,
          ExportBaseFilename → "Cnips/817-In"}],
        Sow@CellExport[SourceNotebook, "817", {CellFilter → Rest,
          ExportBaseFilename → "Cnips/817-Out", PageWidth → 5.5 * 0.24 / 0.16}]
      },
      MemberQ[DialogTags, tag], {
        Sow@CellExport[SourceNotebook, tag,
          {CellFilter → First, ExportBaseFilename → "Cnips/" <> tag <> "-In"}],
        Sow@CellExport[SourceNotebook, tag, {CellFilter → Rest,
          ExportBaseFilename → "Cnips/" <> tag <> "-Out"}]
      },
      True,
      Sow@CellExport[SourceNotebook, tag, ExportBaseFilename → "Cnips/" <> tag]
    ],
    {tag, tags}]]];
  PutAppend[DateString[], "Cnips/Verification.txt"];
  Sort@Flatten[files]
)

```

## Epilog

(Alt) In[ ]:=

```
End[]; EndPackage[];
```