

```

SetDirectory["C:\\drorbn\\AcademicPensieve\\Projects\\KBH"];
<< "../.. /2013-03/CellExport.m";
SetOptions[CellExport, ExportFormat -> ".png", PageWidth -> 6.25 * 0.24 / 0.18];

SourceNotebook = Get["C:\\drorbn\\AcademicPensieve\\Projects\\KBH\\KBH.nb"];

TagProperties["BorromeanTrees"] = {PageWidth -> 15, CellFilter -> Last};
TagProperties["BorromeanWheels"] = {PageWidth -> 15, CellFilter -> Last};
TagProperties["TheTrivialBalloon"] = {PageWidth -> 2, CellFilter -> Last};
TagProperties["ExampleZeta"] = {PageWidth -> 4.5 * 0.24 / 0.18};
DialogTags = {"BCHDemo1", "BCHDemo2", "Testing_tm", "Testing_hm",
  "taction", "haction", "TestingConjugationRelation", "817-1", "817-2",
  "817-3", "Borromean1", "Borromean2", "Borromean3", "eab", "JBCH"};

tags = Cases[SourceNotebook, (CellTags -> tag_) :-> tag, Infinity] // Union;
Print[tags];
files = Flatten[Table[
  If[MemberQ[DialogTags, tag],
    {
      CellExport[SourceNotebook, tag,
        CellFilter -> First, ExportBaseFilename -> "Human-" <> tag],
      CellExport[SourceNotebook, tag, CellFilter -> Rest,
        ExportBaseFilename -> "Machine-" <> tag]
    },
    CellExport[SourceNotebook, tag]
  ],
  {tag, tags}]];
listing = OpenWrite["listing.txt"];
WriteString[listing, # <> "\n"] & /@ files;
Close[listing];
do = "/bin/cp -f pensieve/foo.png figs
chmod -x figs/foo.png
sam2p figs/foo.png figs/foo.eps
";
pp = OpenWrite["postprocess.csh", BinaryFormat -> True];
BinaryWrite[pp, StringReplace[do, "foo" -> StringDrop[#, -4]]] & /@ files;
Close[pp];
Print["Resizing BorromeanTrees and BorromeanWheels..."];
Export[#, ImageResize[Import[#, 1200]] & /@
  {"BorromeanTrees.png", "BorromeanWheels.png"};
(# -> Import[#]) & /@ files
{817-1, 817-2, 817-3, BCHDemo1, BCHDemo2, Borromean1, Borromean2,
  Borromean3, BorromeanTrees, BorromeanWheels, eab, ExampleZeta,
  haction, JBCH, LieDefs, LoadFreeLie, MMADefs, rho, SetTheory, taction,
  TestingConjugationRelation, Testing_hm, Testing_tm, TheTrivialBalloon, udefs}
exporting 817-1 into Human-817-1.png...
exporting 817-1 into Machine-817-1.png...

```

```
exporting 817-2 into Human-817-2.png...
exporting 817-2 into Machine-817-2.png...
exporting 817-3 into Human-817-3.png...
exporting 817-3 into Machine-817-3.png...
exporting BCHDemo1 into Human-BCHDemo1.png...
exporting BCHDemo1 into Machine-BCHDemo1.png...
exporting BCHDemo2 into Human-BCHDemo2.png...
exporting BCHDemo2 into Machine-BCHDemo2.png...
exporting Borrromean1 into Human-Borrromean1.png...
exporting Borrromean1 into Machine-Borrromean1.png...
exporting Borrromean2 into Human-Borrromean2.png...
exporting Borrromean2 into Machine-Borrromean2.png...
exporting Borrromean3 into Human-Borrromean3.png...
exporting Borrromean3 into Machine-Borrromean3.png...
exporting BorrromeanTrees into BorrromeanTrees.png...
exporting BorrromeanWheels into BorrromeanWheels.png...
exporting eab into Human-eab.png...
exporting eab into Machine-eab.png...
exporting ExampleZeta into ExampleZeta.png...
exporting haction into Human-haction.png...
exporting haction into Machine-haction.png...
exporting JBCH into Human-JBCH.png...
exporting JBCH into Machine-JBCH.png...
exporting LieDefs into LieDefs.png...
exporting LoadFreeLie into LoadFreeLie.png...
exporting MMADefs into MMADefs.png...
exporting rho into rho.png...
exporting SetTheory into SetTheory.png...
exporting taction into Human-taction.png...
exporting taction into Machine-taction.png...
exporting TestingConjugationRelation into Human-TestingConjugationRelation.png...
exporting TestingConjugationRelation into Machine-TestingConjugationRelation.png...
exporting Testing_hm into Human-Testing_hm.png...
exporting Testing_hm into Machine-Testing_hm.png...
exporting Testing_tm into Human-Testing_tm.png...
exporting Testing_tm into Machine-Testing_tm.png...
```



```
TagProperties["ExampleZeta"] = {PageWidth → 4.5 * 0.24 / 0.18};
```

```
CellExport[SourceNotebook, "ExampleZeta"]
```

```
exporting ExampleZeta into ExampleZeta.png...
```

```
ExampleZeta.png
```

```
CellExport[SourceNotebook, "TheTrivialBalloon"]
```

```
exporting TheTrivialBalloon into TheTrivialBalloon.png...
```

```
TheTrivialBalloon.png
```

```
TagProperties["MMADefs"] = {ExportFormat → ".pdf"};
```

```
CellExport[SourceNotebook, "MMADefs"]
```

```
exporting MMADefs into MMADefs.pdf...
```

```
MMADefs.pdf
```