

```

SetDirectory["C:\\drorbn\\AcademicPensieve\\Projects\\WKO4"];
<< CellExport.m;

SetOptions[CellExport, ExportFormat → ".png", PageWidth → 6.25 * 0.24 / 0.16];

SourceNotebook =
  Get["C:\\drorbn\\AcademicPensieve\\Projects\\WKO4\\WKO4Session.nb"];
DialogTags = {
  "Initialization", "alphabetagamma", "BracketExample", "bch", "bch16", "omegas",
  "DegreeScale", "TangentialDerivative", "tb", "tb2", "TestingGammaODE",
  "TestingGamma", "TestingLambdaODE", "TestingLambda", "CCandRC", "tru", "divu",
  "Ju", "j", "cocycle4j", "dj", "ElSetup", "ElAssociativity", "detaExample",
  "dA1", "dA2", "dA3", "dS", "dD1", "dD2", "EsSetup1", "EsSetup2", "haction",
  "metaassoc", "R3", "817", "Borromean", "VCapSolution", "Sinh", "LambdaV",
  "logF", "atkv", "KVTest", "KVDirect", "4T", "Theta", "Vtau", "Linearized",
  "msgs", "dims", "dims1", "DKExample", "DKSEExample", "sigmaExample",
  "BCH4DK", "Phi", "Hexagons", "PhiV", "PentPhiV", "Phi_is_sder", "DK2Es",
  "ZB", "VfromPhi", "nu", "nucap4", "Phi1", "F", "FV", "rho2", "rho3", "V2"
};

tags = Cases[SourceNotebook, (CellTags → tag_) ⇒ tag, Infinity] // Union;
files = Flatten[Table[
  Which[
    tag == "817", {
      CellExport[SourceNotebook, "817",
        {CellFilter → First, ExportBaseFilename → "ComputerTalk/Human-817"}],
      CellExport[SourceNotebook, "817", {CellFilter → Rest, ExportBaseFilename →
        "ComputerTalk/Machine-817", PageWidth → 5.5 * 0.24 / 0.16}]
    },
    MemberQ[DialogTags, tag], {
      CellExport[SourceNotebook, tag,
        {CellFilter → First, ExportBaseFilename → "ComputerTalk/Human-" <> tag}],
      CellExport[SourceNotebook, tag, {CellFilter → Rest,
        ExportBaseFilename → "ComputerTalk/Machine-" <> tag}]
    },
    True,
    CellExport[SourceNotebook, tag, ExportBaseFilename → "ComputerTalk/" <> tag]
  ],
  {tag, tags}]];

SourceNotebook =
  Get["C:\\drorbn\\AcademicPensieve\\Projects\\WKO4\\FreeLie.nb"];
tags = Cases[SourceNotebook, (CellTags → tag_) ⇒ tag, Infinity] // Union;
files = files ∪ Flatten[Table[
  CellExport[SourceNotebook, tag, ExportBaseFilename → "ComputerTalk/FL" <> tag],
  {tag, tags}]];

```

```

SourceNotebook =
  Get["C:\\drorbn\\AcademicPensieve\\Projects\\WKO4\\AwCalculus.nb"];
tags = Cases[SourceNotebook, (CellTags → tag_) ⇒ tag, Infinity] // Union;
files = files ∪ Flatten[Table[
  CellExport[SourceNotebook, tag, ExportBaseFilename → "ComputerTalk/AC" <> tag],
  {tag, tags}]];
(*DeleteFile /@ Complement[FileNames["ComputerTalk/*.png"], files]*)
Exporting ComputerTalk/CapSetup.png...
Exporting ComputerTalk/Human-detaExample.png...
Exporting ComputerTalk/Human-DK2Es.png...
Exporting ComputerTalk/Human-F.png...
Exporting ComputerTalk/Machine-FV.png...
Exporting ComputerTalk/Human-Hexagons.png...
Exporting ComputerTalk/Human-nu.png...
Exporting ComputerTalk/Human-PentPhiV.png...
Exporting ComputerTalk/Human-Phi.png...
Exporting ComputerTalk/Machine-Phi.png...
Exporting ComputerTalk/Human-rho2.png...
Exporting ComputerTalk/Human-rho3.png...
Exporting ComputerTalk/Human-V2.png...
Exporting ComputerTalk/Human-VCapSolution.png...
Exporting ComputerTalk/Human-VfromPhi.png...
Exporting ComputerTalk/Human-ZB.png...

```

Recycling

```

(*listing=OpenWrite["listing.txt"];
WriteString[listing, #<>"\n"& /@ files;
Close[listing];*)

(*do="sam2p foo.png foo.eps\n";
pp=OpenWrite["postprocess.csh", BinaryFormat → True];
BinaryWrite[pp, StringReplace[do, "foo"→StringDrop[#, -4]]& /@ files;
Close[pp];*)

```