

```
SetDirectory["C:\\drorbn\\AcademicPensieve\\Projects\\Discovery-2017"]
C:\\drorbn\\AcademicPensieve\\Projects\\Discovery-2017
```

Make

```
Make::usage =
  "Make[target, sources, Hold[action]] makes a target, or a list of targets, given
  sources, or a list of sources, in the style of the unix 'make' command.";
Make[target_String, sources_, action_Hold] :=
  Make[Evaluate@{target}, sources, action];
Make[targets_, source_String, action__Hold] :=
  Make[targets, Evaluate@{source}, action];
Make[targets_List, sources_List, action_Hold] := Module[{},
  If[
    (And @@ ((FileType[#] != None) & /@ sources)) &&
    Or[
      Or @@ ((FileType[#] === None) & /@ targets),
      Min[AbsoluteTime[FileDate[#]] & /@ targets] <
      Max[AbsoluteTime[FileDate[#]] & /@ sources]
    ],
    Print["Making ", targets, " ..."];
    ReleaseHold[action]
  ]
];
```

Proposal.pdf, BudgetJustification.pdf, References.pdf

```
Make[{"Proposal.pdf", "BudgetJustification.pdf", "References.pdf"},
  "Master.pdf", Hold[
    ReadString["!C:\\bin\\cpdf.exe Master.pdf 3-6 -o Proposal.pdf"];
    ReadString["!C:\\bin\\cpdf.exe Master.pdf 7 -o BudgetJustification.pdf"];
    ReadString["!C:\\bin\\cpdf.exe Master.pdf 8-9 -o References.pdf"];
  ]]
```

Master.png

```

Make["Master-0.png", "Master.pdf", Hold[
  ReadString["!convert -density 300 -background
    white -alpha remove Master.pdf -trim Temp-%02d.png"];
  DeleteFile@FileNames["Master-*.png"];
  ReadString["!montage -background white -geometry
    +20+20 -gravity north -tile 3x1 Temp-*.png Master.png"];
  DeleteFile@FileNames["Temp-*.png"];
  MakeThumb /@ FileNames["Master-*.png"]
]]

```

.htaccess

```

qlinks = Sort@{
  "a15" → "http://www.math.toronto.edu/~drorbn/Talks/Aarhus-1507/",
  "A15" → "http://www.math.toronto.edu/~drorbn/Talks/Aarhus-1507/",
  "Bettencourt" →
    "http://www.math.toronto.edu/drorbn/Students/index.html#Bettencourt",
  "BNS" →
    "http://drorbn.net/AcademicPensieve/Projects/MetaMonoids/MetaMonoids.pdf",
  "BV2" → "http://drorbn.net/AcademicPensieve/Projects/PPSA/",
  "Chterental" →
    "http://www.math.toronto.edu/drorbn/Students/index.html#Chterental",
  "Chu" → "http://www.math.toronto.edu/drorbn/Students/index.html#Chu",
  "Cliff" → "http://drorbn.net/bbs/show?prefix=BCHKW",
  "d12" →
    "http://drorbn.net/AcademicPensieve/Projects/Discovery-2012/Proposal.pdf",
  "Dalvit" → "http://science.unitn.it/~dalvit/",
  "Dancso" → "http://www.math.toronto.edu/drorbn/Students/index.html#Dancso",
  "Deng" → "http://drorbn.net/bbs/show?prefix=Deng",
  "Ens" → "http://www.math.toronto.edu/tens/",
  "gwu" → "http://www.math.toronto.edu/drorbn/Talks/GWU-1612/",
  "GWU" → "http://www.math.toronto.edu/drorbn/Talks/GWU-1612/",
  "Halacheva" →
    "http://www.math.toronto.edu/drorbn/Students/index.html#Halacheva",
  "hp" → "http://www.math.toronto.edu/drorbn/Talks/Portfolio/",
  "HP" → "http://www.math.toronto.edu/drorbn/Talks/Portfolio/",
  "ind" → "http://www.math.toronto.edu/~drorbn/Talks/Indiana-1611/",
  "Ind" → "http://www.math.toronto.edu/~drorbn/Talks/Indiana-1611/",
  "k17" → "http://drorbn.net/AcademicPensieve/Projects/Killam-2017/",
  "K17" → "http://drorbn.net/AcademicPensieve/Projects/Killam-2017/",
  "kbh" → "http://www.math.toronto.edu/drorbn/papers/KBH/",
  "KBH" → "http://www.math.toronto.edu/drorbn/papers/KBH/",
  "Khesin" → "http://www.math.toronto.edu/~drorbn/Students/#Khesin",
  "ld16" → "http://www.math.toronto.edu/drorbn/Talks/LesDiablerets-1608/",
  "LD16" → "http://www.math.toronto.edu/drorbn/Talks/LesDiablerets-1608/",
  "Lee" → "http://www.math.toronto.edu/drorbn/Students/index.html#LeeP",

```

```

"MF" → "http://www.math.toronto.edu/~drorbn/Students/index.html#MortonFerguson",
"mmr" → "http://www.math.toronto.edu/~drorbn/papers/mmr/mmr.pdf",
"MMR" → "http://www.math.toronto.edu/~drorbn/papers/mmr/mmr.pdf",
"Morton-Ferguson" →
  "http://www.math.toronto.edu/~drorbn/Students/index.html#MortonFerguson",
"Ov" →
  "https://cdr.lib.unc.edu/indexablecontent/uuid:c41ebc5b-c161-4f07-b1ee-f34c6fd8f0b8",
"Penneys" → "https://people.math.osu.edu/penneys.2/",
"port" → "http://www.math.toronto.edu/drorbn/Talks/Portfolio/",
"Port" → "http://www.math.toronto.edu/drorbn/Talks/Portfolio/",
"q15" → "http://www.math.toronto.edu/~drorbn/Talks/Qinhuangdao-1507/",
"Q15" → "http://www.math.toronto.edu/~drorbn/Talks/Qinhuangdao-1507/",
"Samuelson" → "http://www.maths.ed.ac.uk/~psamuels/",
"Selmani" → "http://www.math.toronto.edu/drorbn/Students/index.html#Selmani",
"Toulouse" → "http://www.math.toronto.edu/~drorbn/Talks/Toulouse-1705/",
"Vo" → "http://www.math.toronto.edu/drorbn/Students/#Vo",
"wko2" → "http://www.math.toronto.edu/~drorbn/papers/WK02/WK02.pdf",
"WK02" → "http://www.math.toronto.edu/~drorbn/papers/WK02/WK02.pdf",
"wko3" → "http://drorbn.net/AcademicPensieve/Projects/WK03/",
"WK03" → "http://drorbn.net/AcademicPensieve/Projects/WK03/",
"wko4" → "http://drorbn.net/AcademicPensieve/Projects/WK04/",
"WK04" → "http://drorbn.net/AcademicPensieve/Projects/WK04/",
"Zung" → "http://www.math.toronto.edu/drorbn/Students/index.html#Zung"
};

```

```

Make[".htaccess", "index.m", Hold[
  Print["Discovery-2017: Writing .htaccess."];
  f = OpenWrite[".htaccess"];
  Do[
    WriteString[f, "Redirect /AcademicPensieve/Projects/Discovery-2017/" <>
      lnk[[1]] <> " " <> lnk[[2]] <> "\n"],
    {lnk, qlinks}
  ];
  Close[f]
]]

```

Discovery-2017: Writing .htaccess.

.htaccess

index.html

```
{
  "TitleNotes" → StringJoin[Flatten[{
    "This is the construction page for my 2017 NSERC Discovery grant application.\n",
    "<p><b>Quick Links:</b>",
    Riffle[
      Table[
        "\n <a href= http://drorbn.net/d17/" <> lnk[[1]] <> ">" <> lnk[[1]] <> "</a>",
        {lnk, qlinks}
      ],
      ", "
    ],
    ".\n</p>"
  ]],
  "ImageComments" → {}
}
```

```
{TitleNotes →
  This is the construction page for my 2017 NSERC Discovery grant application.
<p><b>Quick Links:</b>
  <a href= http://drorbn.net/d17/Bettencourt>Bettencourt</a>,
  <a href= http://drorbn.net/d17/Chterental>Chterental</a>,
  <a href= http://drorbn.net/d17/Chu>Chu</a>,
  <a href= http://drorbn.net/d17/Cliff>Cliff</a>,
  <a href= http://drorbn.net/d17/Dancso>Dancso</a>,
  <a href= http://drorbn.net/d17/Deng>Deng</a>,
  <a href= http://drorbn.net/d17/Halacheva>Halacheva</a>,
  <a href= http://drorbn.net/d17/Khesin>Khesin</a>,
  <a href= http://drorbn.net/d17/Lee>Lee</a>,
  <a href= http://drorbn.net/d17/MF>MF</a>,
  <a href= http://drorbn.net/d17/Selmani>Selmani</a>,
  <a href= http://drorbn.net/d17/Zung>Zung</a>.
</p>, ImageComments → {}}}
```