

```

SetDirectory["C:\\drorbn\\AcademicPensieve\\Classes\\15-344-Combinatorics"]
C:\\drorbn\\AcademicPensieve\\Classes\\15-344-Combinatorics

Make::usage =
  "Make[target, sources, 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[target, source_String, action_Hold] :=
  Make[target, Evaluate@{source}, action];
Make[target_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]
  ]
];

```

? Make

Make[target, sources, action] makes a target, or a list of targets, given sources, or a list of sources, in the style of the unix 'make' command.

```

target = "DayOne.png";
sources = {"FrontPage-150915.png", "About-150915-1.png", "About-150915-2.png"};
Make[target, sources ∪ {"one/Day_One_Handout.pdf"}, Hold[
  Read["!convert -density 200 -background white
  -alpha remove one/Day_One_Handout.pdf Day_One_Handout.png"];
  Read["!montage -geometry 1700x2200+0+0 -background white -tile 2x2 " <>
  StringJoin[({# <> " " } & /@ sources) <> "Day_One_Handout.png " <> target];
]]

target = "Hour3.png";
source = "one/Hour_3_Handout.pdf";
Make[target, source, Hold[
  Read["!convert -density 200 -background white -alpha remove " <>
  source <> " " <> target];
]]

Making {Hour3.png} ...

```

```
{  
  "TitleNotes" -> "This is my personal notebook for my 2015 <a  
    href=http://drorbn.net/?title=15-344>MAT 344 Combinatorics</a>  
    class. <span style=\"color: red;\">Use at your own risk.</span><p>",  
  "CleanTeX" -> True  
}
```