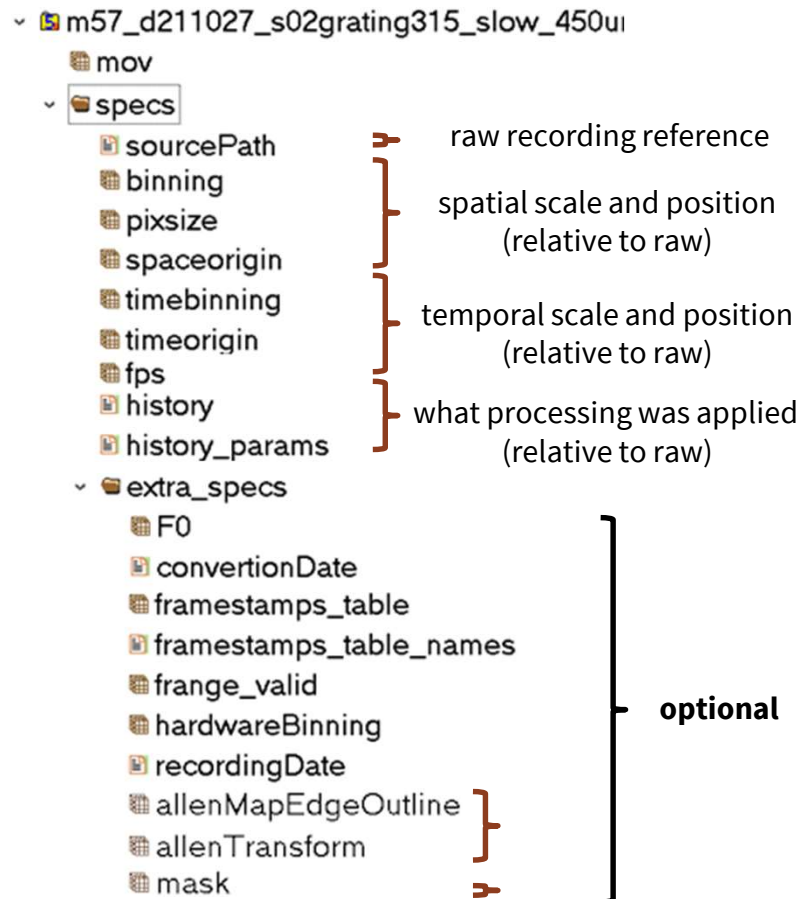


Pipeline: metadata



```
% read movie (correct specs required)
[M, specs] = rw.h5readMovie(fullpath_in);

% do stuff

% update specs as needed
specs_out = copy(specs);
specs_out.AddBinning(ns);
specs_out.AddBinningTime(nt);
specs_out.AddToHistory(functionCallStruct({'nt','ns','options'}));

% save output (correct specs required)
rw.h5saveMovie(fullpath_out, Mout, specs_out);
```

**Required
(and guaranteed
by interfaces)**

```
>> specs.GetHistory()

ans =

11x1 cell array

{'convertRaw2Preproc1' }
{'movieSimpleMoco' }
{'movieExtractFrames' }
{'moviesDecrosstalk' }
{'movieExpBaselineCorrection' }
{'ConvolutionPerPixelExt' }
{'movieTimeCrop' }
{'movieRemoveHemoComponents' }
{'movieDFF' }
```

```
% copy outlines / masks between recordings
% (same animal & similar fov)
moviesCopyReference(fullpath1, fullpath2)

o1 = specs.getAllenOutlines(); % for current binning, cropping, ...

ttl = specs.getTTLTrace(); % for current time cropping, ...
```

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