**Gulp Demo Script**

1. Create gulpfile.js from scratch
2. **Add javascript compress** 
   * gulp-uglify
   * uglify()

gulp.task('js-min', function () {

gulp.src(paths.javascript)

.pipe(uglify())

.pipe(rename({ extname: '.min.js' }))

.pipe(gulp.dest(paths.bundledFileDest))

});

* + **ISSUES:**
    - Even vendor scripts are included
      * ['./www/\*\*/\*.js', '!./www/lib/\*\*/']
    - Files are not renamed with a .min
      * Solution:
        + gulp-rename
        + rename({ extname: '.min.js' })
    - Existing Files are Not Deleted First
      * Solution:
        + rimraf
        + gulp.task("clean", function (cb) {

rimraf('./dist', cb);

});

1. **Add javascript concat**
   * gulp-concat

gulp.task('js-concat', function () {

gulp.src(paths.javascript)

.pipe(concat(paths.bundledFile))

.pipe(gulp.dest(paths.bundledFileDest))

});

1. **Combine uglify and concat**

gulp.task('js-min-combine', function () {

gulp.src(paths.javascript)

.pipe(uglify())

.pipe(concat(paths.bundledFile))

.pipe(gulp.dest(paths.bundledFileDest))

});

1. **Default task**

gulp.task('default', ['js-min', 'js-concat'], function () {

console.log('default task');

});

1. **Watch Task**

gulp.task('watch', function () {

gulp.watch(paths.javascript, ['js-min-combine'])

});

1. **Inject Javascript into index.html**
   * gulp-inject

<!-- inject:js -->

<!-- endinject -->

gulp.task('inject', ['js-min-combine'], function () {

return gulp.src('./www/index.html')

.pipe(inject(gulp.src(['./www/dist/\*\*/\*.js']

, { read: false }), { relative: true }))

.pipe(gulp.dest('./www'))

});

1. **Create Source Maps**
   * gulp-sourcemaps

gulp.task('maps', ['clean'], function () {

gulp.src(paths.javascript)

.pipe(sourcemaps.init())

.pipe(concat(paths.bundledFile))

.pipe(uglify())

.pipe(sourcemaps.write())

.pipe(gulp.dest(paths.bundledFileDest));

});