

New format option: rowmark-and-word-diff

- CSV output, with a first new col CSVDIFF containing +, - or ~
- before and after values of modifications
- header row at first position, next deletions, additions and last modifications

/!\ Input files must have header row!

\$ csvdiff base-small.csv delta-small.csv -o rowmark-and-word-diff

```
# CSV header
CSVDIFF,a,b,c,d,e,f,g,h,i,j,k,l
# Deletions (3): -
-,1616,906,ccleaner.com,com,19831,32507,ccleaner.com,com,1614,903,19834,32463
-,1617,907,doodle.com,com,19827,32902,doodle.com,com,1621,909,19787,32822
-,1615,905,proboards.com,com,19833,33110,proboards.com,com,1613,902,19835,33135
# Additions (1): +
+,24564,907,completely-newsite.com,com,19827,32902,completely-newsite.com,com,1621,909,19787,32822
# Modifications (1): ~
~,69,[-48-](+1048+),aol.com,com,97543,225532,aol.com,com,70,49,97328,224491
```

base-small.csv with header row:

```
1 a,b,c,d,e,f,g,h,i,j,k,l
2 15,12,wordpress.com,com,207790,792348,wordpress.com,com,15,12,207589,791634
3 43,1,europa.eu,eu,116613,353412,europa.eu,eu,41,1,119129,359818
4 69,48,aol.com,com,97543,225532,aol.com,com,70,49,97328,224491
5 1615,905,proboards.com,com,19833,33110,proboards.com,com,1613,902,19835,33135
6 1616,906,ccleaner.com,com,19831,32507,ccleaner.com,com,1614,903,19834,32463
7 1617,907,doodle.com,com,19827,32902,doodle.com,com,1621,909,19787,32822
8
```

delta-small.csv with header row:

```
1 a,b,c,d,e,f,g,h,i,j,k,l
2 15,12,wordpress.com,com,207790,792348,wordpress.com,com,15,12,207589,791634
3 43,1,europa.eu,eu,116613,353412,europa.eu,eu,41,1,119129,359818
4 69,1048,aol.com,com,97543,225532,aol.com,com,70,49,97328,224491
5 24564,907,completely-newsite.com,com,19827,32902,completely-newsite.com,com,1621,909,19787,32822
6
```

CSV output with header row and a new col:

CSVDIFF	a	b	c	d	e	f	g	h	i	j	k	l	
-	1615		905	proboards.com	com	19833	33110	proboards.com	com	1613	902	19835	33135
-	1616		906	ccleaner.com	com	19831	32507	ccleaner.com	com	1614	903	19834	32463
-	1617		907	doodle.com	com	19827	32902	doodle.com	com	1621	909	19787	32822
+	24564		907	completely-newsite.com	com	19827	32902	completely-newsite.com	com	1621	909	19787	32822
~	69	[-48-](+1048+)		aol.com	com	97543	225532	aol.com	com	70	49	97328	224491


```

// Row mark AND word diff.
// With header row.
// First: Deletions. Next: Additions. Last: Modifications.
func (f *Formatter) rowMarkAndWordDiffs(diff digest.Differences) error {
    includes := f.ctx.GetIncludeColumnPositions()
    if len(includes) <= 0 {
        includes = f.ctx.GetValueColumns()
    }
    blue := color.New(color.FgBlue).SprintfFunc()
    red := color.New(color.FgRed).SprintfFunc()
    green := color.New(color.FgGreen).SprintfFunc()

    additions := make([]string, 0, len(diff.Additions))
    for _, addition := range diff.Additions {
        additions = append(additions, includes.String(addition, f.ctx.separator))
    }

    modifications := make([]string, 0, len(diff.Modifications))
    for _, modification := range diff.Modifications {
        result := make([]string, 0, len(modification.Current))
        for i := 0; i < len(includes) || i < len(modification.Current); i++ {
            if modification.Original[i] != modification.Current[i] {
                removed := red("[-%s-]", modification.Original[i])
                added := green("{+%s+}", modification.Current[i])
                result = append(result, fmt.Sprintf("%s%s", removed, added))
            } else {
                result = append(result, modification.Current[i])
            }
        }
        modifications = append(modifications, includes.String(result, f.ctx.separator))
    }

    deletions := make([]string, 0, len(diff.Deletions))
    for _, deletion := range diff.Deletions {
        deletions = append(deletions, includes.String(deletion, f.ctx.separator))
    }

    // #1: Header row
    _, _ = fmt.Fprintln(f.stderr, "# CSV header")
    fmt.Fprintf(f.stdout, "%s%s%s\n", "CSVDIFF", string(f.ctx.separator), f.ctx.headerRow)

    // #2: Deletions
    _, _ = fmt.Fprintln(f.stderr, red("# Deletions (%d): -", len(diff.Deletions)))
    for _, deleted := range deletions {
        _, _ = fmt.Fprintf(f.stdout, "%s,%s\n", red("%s", "-"), deleted)
    }

    // #3: Additions
    _, _ = fmt.Fprintln(f.stderr, green("# Additions (%d): +", len(diff.Additions)))
    for _, added := range additions {
        _, _ = fmt.Fprintf(f.stdout, "%s,%s\n", green("%s", "+"), added)
    }

    // #4: Modifications
    _, _ = fmt.Fprintln(f.stderr, blue("# Modifications (%d): ~", len(diff.Modifications)))
    for _, modified := range modifications {
        _, _ = fmt.Fprintf(f.stdout, "%s,%s\n", blue("%s", "~"), modified)
    }

    return nil
}

```