

Table of Contents

Ancestry parser 2

Ancestry parser

Надо зайти в Ancestry и запустить скрипт из Javascript консоли браузера.

```

Параметры глубины парсинга настраиваются в последней строке (30, 3490); min cM, max cM'.
<code javascript> (async function (minSharedDna, maxSharedDna) { const
accountID = window.location.href.replace(/\?.*/ , "").split(/\/\).pop(); let
initPage = 1; let skipList = ["Name One", "Name Two"]; let matchCounter = 0;
var data = ""; if (!accountID) { console.error("Running script on wrong
page!"); return 1; } function saveMatches() { console.log("Saving data to
file..."); if (typeof data === "object") { data = JSON.stringify(data,
undefined, 4); } var blob = new Blob([data], {type:
'text/csv;charset=UTF-8'}); e = document.createEvent('MouseEvents'); a =
document.createElement('a'); a.download = "dnamatches.csv"; a.href =
window.URL.createObjectURL(blob); a.dataset.downloadurl = ['text/csv',
a.download, a.href].join(':'); e.initMouseEvent('click',true,false>window,
0,0,0,0,0,false,false,false,false,0,null); a.dispatchEvent(e); } function
handleErrors(response) { if (!response.ok) { throw Error(response.status); }
return response; } async function processCommonMatches(match, page) { if
(!skipList.includes(match.publicDisplayName)) { Get common matches for this
match await fetch(`/discoveryui-
matchesservice/api/samples/${accountID}/matches/list?page=${page}&relationgui
d=${match.testGuid}&sortBy=RELATIONSHIP&_t=${Date.now()}` ) .then
(handleErrors) .then1) .then2)

```

¹⁾

```
resp) ⇒ resp.json(
```

²⁾

```
json) ⇒ {
```

```

    matchCounter++;
    const commonMatches = [];
    for (const group of json.matchGroups) {
        for (const cmatch of group.matches) {
            commonMatches.push(cmatch);
        }
    }
    let matchString = match.publicDisplayName;
    if
((match.publicDisplayName).localeCompare(match.adminDisplayName) !== 0) {
        matchString += "(Managed by " + match.adminDisplayName + ")";
    }
    console.log(matchString + "[" +
match.relationship.sharedCentimorgans + "cM] has " + commonMatches.length +
" matches.");
    for (const cmatch of commonMatches) {
        if (!skipList.includes(cmatch.publicDisplayName)) {
            let commonMatchString = cmatch.publicDisplayName;
            if
((cmatch.publicDisplayName).localeCompare(cmatch.adminDisplayName) !== 0) {
                commonMatchString += "(Managed by " +

```

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cmatch.adminDisplayName + ")";
        }
        let matchline = matchString + "," + commonMatchString +
"\n";
        data += matchline;
    }
}
return true;
})
.catch((code) => {
    console.log("Got error " + code + "when fetching common
matches for " + match.publicDisplayName + "(match # " + matchCounter + ").
Retrying in a bit.");
    matchCounter--;
    return false;
});
} else {
    // Just silently skip this match
    return true;
}
}

```

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async function loadPage(page, bookmarkData) {
    while (!bookmarkData || bookmarkData.moreMatchesAvailable) {
        await fetch(`/discoveryui-
matchesservice/api/samples/${accountID}/matches/list?page=${page}&minsharedDNA=${minSharedDna}&maxsharedDNA=${maxSharedDna}&sortBy=RELATIONSHIP&_t=${Date.now()}${bookmarkData?
`&bookmarkdata={%22moreMatchesAvailable%22:true,%22lastMatchesServicePageIdx%22:${bookmarkData.lastMatchesServicePageIdx}}`: ""}`
        )
        .then (handleErrors)
        .then((resp) => resp.json())
        .then(async (json) => {

```

```

        console.log("Got page #" + page);
        const matches = [];
        for (const group of json.matchGroups) {
            for (const match of group.matches) {
                matches.push(match);
            }
        }
        console.log(`Added ${matches.length} matches from page ${page}
request`);

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        while (matches.length) {
            const match = matches.shift(); // Pop match from array
front
            let processStatus = await processCommonMatches(match,
page);
            if (processStatus === false) {

```

```
        console.warn("Failed to handle match " +
match.publicDisplayName + "- retrying...");
        matches.unshift(match); // Just redo this match?Does
this work?
        await new Promise(r => setTimeout(r,
Math.floor(Math.random() * 10000) + 10000));
    }
}
// Worked through this page set - now set up for new iteration
page += 4;
bookmarkData = json.bookmarkData;
})
.catch(async (code) => {
    console.error("Page load error " + code + ". Retrying...");
    await new Promise(r => setTimeout(r, Math.floor(Math.random()
* 10000) + 10000));
});
} // end of while
}
```

```
await loadPage(initPage, null);
console.log("DONE! Processed " + matchCounter + " matches between " +
minSharedDna + " and " + maxSharedDna + " cM.");
saveMatches();
```

```
})(30, 3490); min cM, max cM </code>
```

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Permanent link:

https://kibi.ru/genealogija/ancestry.com_parser?rev=1729708495

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