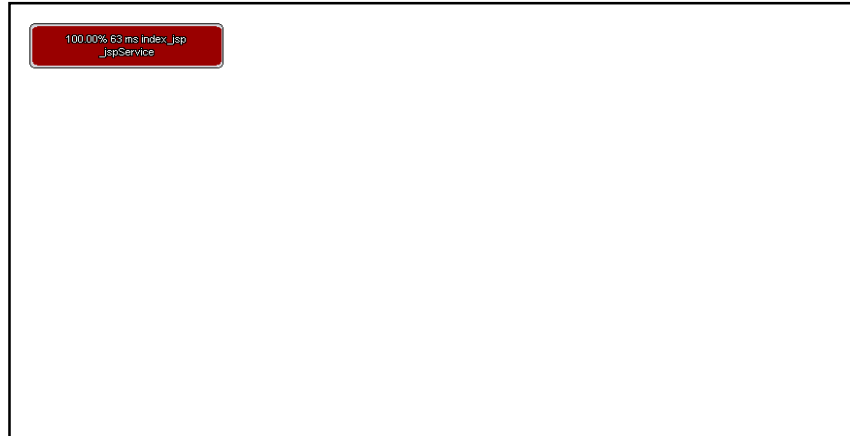


# サンプルレポート

サンプルA画面

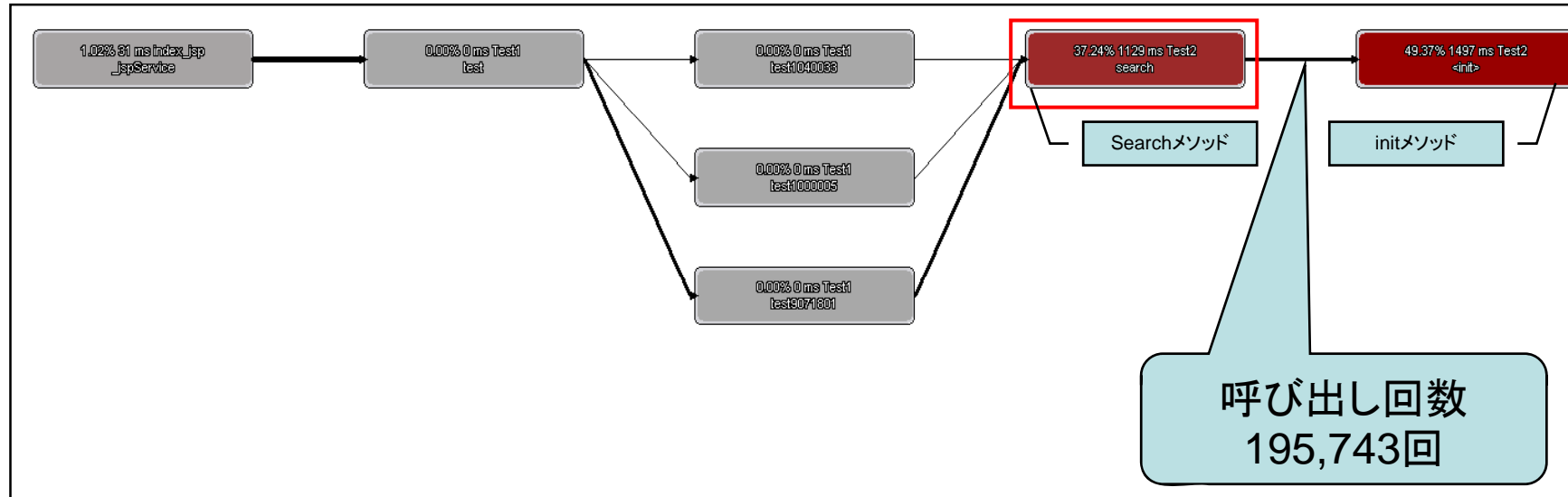
## 画面の初期表示



- 異常特になし

Name	Calls	%	Time	%	Time/Call	Total time	Inst. time
org.apache.jsp	3	100.00	31	100.00	10.3333333	31	109
index.jsp	3	100.00	31	100.00	10.3333333	31	109
getDependants	1	33.33	0	0.00	0.0000000	0	109
_jspService	1	33.33	31	100.00	31.0000000	31	109
<init>	1	33.33	0	0.00	0.0000000	0	109
jp.co.kinouchi	0	0.00	0	0.00	0.0000000	0	46
Test1	0	0.00	0	0.00	0.0000000	0	46
test9071801	0	0.00	0	0.00	0.0000000	0	46
test1040033	0	0.00	0	0.00	0.0000000	0	46
test1000005	0	0.00	0	0.00	0.0000000	0	46
test	0	0.00	0	0.00	0.0000000	0	46
<init>	0	0.00	0	0.00	0.0000000	0	46

# Aボタン押下



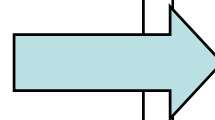
Name	Calls	%	Time	%	Time/Call	Total time	Inst. time
org.apache.jsp	7	0.00	94	3.46	13.428571	3032	109
index.jsp	7	0.00	94	3.46	13.428571	3032	109
getDependants	3	0.00	0	0.00	0.000000	0	109
.jspService	3	0.00	94	3.46	31.333333	3032	109
<init>	1	0.00	0	0.00	0.000000	0	109
jp.co.kinouchi	195751	100.00	2625	96.54	0.013410	10623	78
Test2	195746	99.99	2625	96.54	0.013410	4747	47
search	8	0.00	1129	41.52	376.333333	2938	47
<init>	195743	99.99	1496	55.02	0.007643	1809	47
Test1	5	0.00	0	0.00	0.000000	5876	31
test9071801	1	0.00	0	0.00	0.000000	1735	31
test1040033	1	0.00	0	0.00	0.000000	656	31
test1000005	1	0.00	0	0.00	0.000000	547	31
test	1	0.00	0	0.00	0.000000	2938	31
<init>	1	0.00	0	0.00	0.000000	0	31

- Test2のinitメソッドの呼び出し回数が多い

# 対応案1:プログラムの改修

```

public static Test2 search(String codeString)
    throws IOException {
    Test2 searchCode = null;
    InputStream t_in =
        Test2.class.getClassLoader().getResourceAsStream("sample.csv");
    BufferedReader in = new BufferedReader(new InputStreamReader(t_in));
    String line;
    while ((line = in.readLine()) != null) {
        searchCode = new Test2(line);
        if (searchCode.sample1.equals(codeString)) {
            break;
        }
    }
    if (line == null)
        searchCode = null;
    return searchCode;
}
    
```



```

public static Test2 search(String codeString)
    throws IOException {
    InputStream t_in =
        Test2.class.getClassLoader().getResourceAsStream("sample.csv");
    BufferedReader in = new BufferedReader(new InputStreamReader(t_in));
    String line;
    while ((line = in.readLine()) != null) {
        if (line.substring(15,22).equals(codeString)) {
            return new Test2(line);
        }
    }
    return null;
}
    
```

Name	Calls	%	Time	%	Time/Call	Total time	Inst. time
org.apache.jsp	3	21.43	46	4.46	15.3333333	1031	188
index.jsp	3	21.43	46	4.46	15.3333333	1031	188
getDependants	1	7.14	0	0.00	0.0000000	0	188
_jspService	1	7.14	46	4.46	46.0000000	1031	188
<init>	1	7.14	0	0.00	0.0000000	0	188
jp.co.kinouchi	11	78.57	985	95.54	89.5454555	2955	47
Test2	6	42.86	985	95.54	164.166667	985	31
search	3	21.43	985	95.54	328.3333333	985	31
<init>	3	21.43	0	0.00	0.0000000	0	31
Test1	5	35.71	0	0.00	0.0000000	1970	16
test9071801	1	7.14	0	0.00	0.0000000	547	16
test1040033	1	7.14	0	0.00	0.0000000	250	16
test1000005	1	7.14	0	0.00	0.0000000	188	16
test	1	7.14	0	0.00	0.0000000	985	16
<init>	1	7.14	0	0.00	0.0000000	0	16

Test2のinitメソッドの呼び出し回数が3回になり処理時間も約3分の1となる