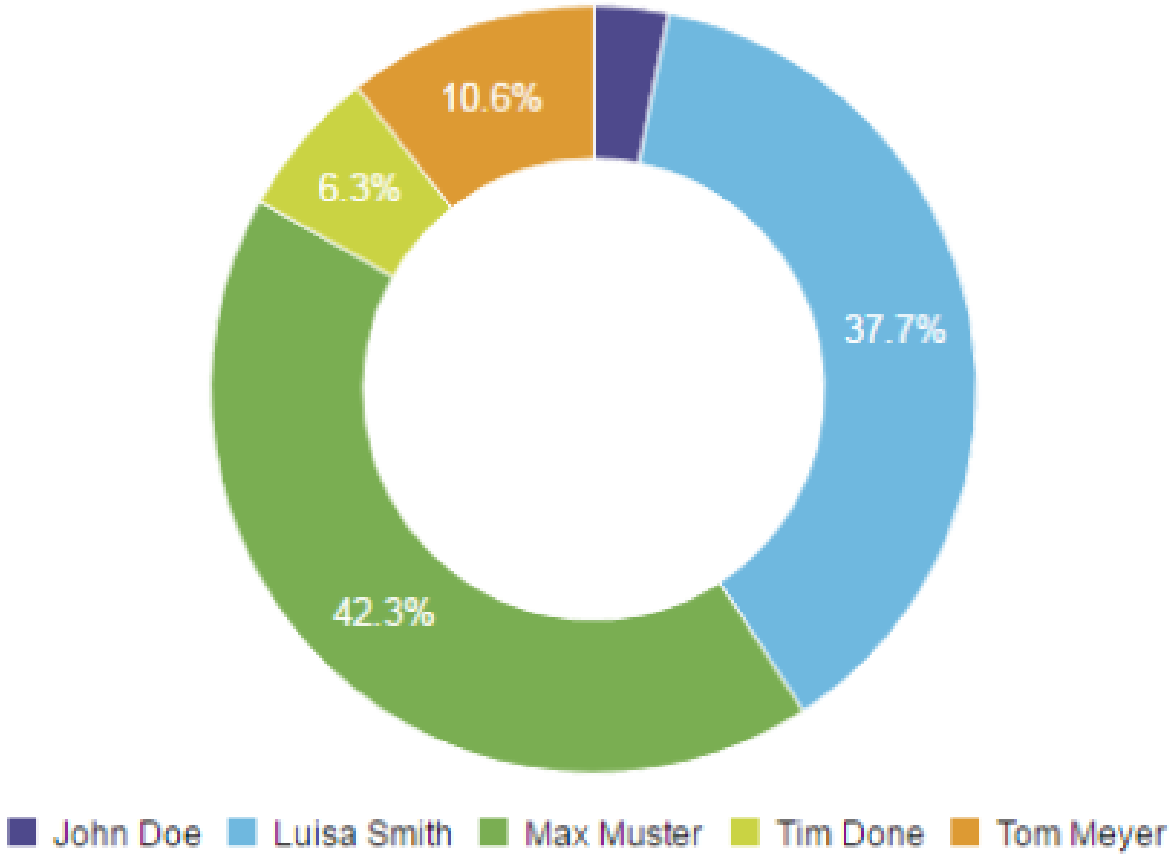
Who's working by JQL

The who's working by JQL chart displays the working times. You can filter by using JQL and group by time-unit.

Chart preview



Parameters

Parameter		Type	Default Value
UI	Code		
JQL	`JQL`	JQL Autocomplete	
Time Period	`TimePeriod`	Time Period	Month
Chart Type	`ChartType`	Chart Type Picker	Bar

Layout Script

Used layout: **Timeseries All**.

```
function formatTooltipAsHours(value, ratio, id, index)
{
    return value.toFixed(2) + ' h';
}

function formatQuarter(d)
{
    if (d instanceof Date)
    {
        var q = d.getMonth();
        q = parseInt(q / 3) + 1;
        return 'Q' + q;
    }
    return '';
}

function formatHalfyear(d)
{
    if (d instanceof Date)
    {
        var q = d.getMonth();
        q = parseInt(q / 6) + 1;
        return 'H' + q;
    }
    return '';
}

var c3arg = {
    onrendered: updateFrameHeight,
    data: chartData,
    grid: {
        y: {
            show: true
        },
        x: {
            show: true
        }
    },
    axis: {
        x: {
            type: 'timeseries',
            label: {
                text: chartData.custom.xLabel,
                position: 'outer-left'
            },
            tick: {
                format: eval(chartData.custom.xTickFormat),
                culling: {
                    max: 25
                },
                fit: true,
                multiline: false
            }
        },
        y: {
            label: chartData.ytype
        }
    }
};

if (chartData.custom && chartData.custom.tooltip)
{
    var tooltipFunction = eval(chartData.custom.tooltip);
    c3arg.tooltip = {
        format: {
            value: tooltipFunction
        }
    };
```

```
}

if ( chartData.custom && chartData.custom.gauge_max)
{
    c3arg.gauge = {
        max: parseFloat(chartData.custom.gauge_max)
    };
}

c3.generate(c3arg);
```

Data Script

```
import java.math.BigDecimal;

import com.atlassian.jira.component.ComponentAccessor;
import com.atlassian.jira.issue.Issue;
import com.atlassian.jira.issue.worklog.Worklog;
import com.atlassian.jira.issue.worklog.WorklogManager;
import com.atlassian.jira.jql.parser.JqlParseException;
import com.atlassian.jira.jql.parser.JqlQueryParser;
import com.atlassian.query.Query;
import com.atlassian.jira.util.I18nHelper;

import com.decadis.jira.xchart.api.ChartParam;
import com.decadis.jira.xchart.api.model.Period
import com.decadis.jira.xchart.api.util.DateUtils;


def i18n = ComponentAccessor.getJiraAuthenticationContext().getI18nHelper();
def wlm = ComponentAccessor.getWorklogManager();
def metaCountGroup = chartBuilder.newDataCollector();

JqlQueryParser jqlQueryParser = ComponentAccessor.getComponent(JqlQueryParser.class);
Query query = null;

Period selectedPeriod = Period.fromString(TimePeriod);
try
{
  query = jqlQueryParser.parseQuery(JQL);
} catch (JqlParseException e)
{
  throw new IllegalArgumentException("Bad JQL: " + JQL);
}

for ( Issue issue : chartBuilder.getFilterUtils().performSearch(query, user) )
{
    for ( Worklog wl : wlm.getByIssue(issue) )
    {
      BigDecimal timeSpentAsHours = BigDecimal.valueOf(wl.getTimeSpent()).divide(BigDecimal.valueOf(3600),
4, BigDecimal.ROUND_HALF_UP);
      String author = wl.getAuthorObject() != null ? wl.getAuthorObject().getDisplayName() : "Unknown";
      metaCountGroup.addValue(timeSpentAsHours, author, dateUtils.getPeriodGroup(wl.getCreated(),
selectedPeriod));
    }
}

metaCountGroup.fillMissingValues();

def chartData = chartBuilder.newChartData(i18n.getText("common.concepts.time.spent"));
chartData.setxFormat("%Y.%m.%d");
chartData.setPeriod(selectedPeriod);
chartData.setType(ChartType);
chartData.addCustomData("tooltip", "formatTooltipAsHours");

chartBuilder.getChartUtil().transformResult(metaCountGroup, chartData, true);

return chartData;
```

If you still have questions, feel free to refer to our support team.