Date

Inheritance

```
Nokia.Date
    | - Nokia.Widget
        |- Nokia.Class (basic class)
```

1 - Description

The most popular use of this component is a form where one of the fields is a date. Such forms may ask for a birth date, friends' birthdays, or even a date for an appointment. The Date component will display three fields, day, month, and year. The developer can choose the order of the fields. The user will input the date in the fields.

2 - Visual Design

3 - Component Dependencies

3.1 CSS

```
<!-- Themeroller CSS -->
<link rel="stylesheet" href="themes/themeroller/<theme>/Themeroller.css" type="text/css" media="screen">
<!-- Specific Theme/Resolution CSS -->
<link rel="stylesheet" href="/themes/nokia/ext-theme/<theme>/<resolution>/custom.css" type="text/css" media="screen">
```

3.2 Javascript

```
<!-- jQuery file -->
<script src="/lib/jquery/jQuery.js" type="text/javascript" charset="utf-8"></script>
<!-- Guarana file -->
<script src="/lib/Guarana.js" type="text/javascript" charset="utf-8"></script>
```

4 - Functional Specifications/Requirements

4.1 - Options

- element: 'selector'
  - jQuery selector or the DOM reference to become the container of the component.
- format: String
  - Defines the date format used by the component.
- title: String
  - Defines the title used by the component.

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- yearRange: int
  - Defines the range of years used by the component.
- i18n: String
  - Defines the internationalisation.
- setDateDelay: int
  - Defines the time used in component interaction.
- roundedCorners: boolean
  - Defines whether the component has rounded corners.
- active: Class
  - Defines the CSS class used when active.
- monthNames: Object[]
  - A list of month names.
- monthNamesShort: Object[]
  - A list of month names in short mode.
- dayNames: Object[]
  - A list of day names.
- dayNamesShort: Object[]
  - A list of day names in short mode.

4.2 - Events - Callbacks

- create: function()
  - Scope: [this.element]
- setDay: function(day)
  - Scope: [this.element]
- setMonth: function(month)
  - Scope: [this.element]
- setYear: function(year)
  - Scope: [this.element]
- setDate: function(date)
  - Scope: [this.element]

4.3 - Methods

- getDate: function()
  - Returns the component date.
  - return [jQuery collection]
- formatDate: function(format, date)
  - Formats the date according to a specific format.
  - return [jQuery collection]
- setDay: function(day)
  - Sets the day property.
  - return [void]
- setMonth: function(month)
  - Sets the month property.
  - return [void]
- setYear: function(year)
  - Sets the year property.
  - return [int]
- setDate: function(date)
  - Sets the date property.
  - return [void]

4.4- Default options

- element: 'body',
- format: 'dd/mm/yy',
- title: 'Pick a date',
- yearRange: 10,
- i18n: ,
- setDateDelay: 800,

5 - Component Demo

5.1 HTML

```
<div id="datepicker"></div>
```


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5.2 Javascript

```
var datepicker = new Nokia.DatePicker({
     i18n: 'pt-BR',
     element: '#datepicker',
     yearRange: 5,
     roundedCorners: true,
     create: function() {
          //alert('Datepicker: created', this);
     },
     setDay: function(day) {
          //alert('Datepicker: setDay', this, day);
     },
     setMonth: function(month) {
          //alert('Datepicker: setMonth', this, month);
     },
     setYear: function(year) {
          //alert('Datepicker: setYear', this, year);
     },
     setDate: function(date) {
          //alert('Datepicker: setDate', this, date);
     }
};
```

6 - Nokia WRT Browser Compatibility:

▲	**S60 3.1**	**S60 3.2**	**S60 5.0**
Date	NO	YES	YES

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