Container

Container components for scaffolding basic structure of the page:

`<el-container>`: wrapper container. When nested with a `<el-header>` or `<el-footer>`, all its child elements will be vertically arranged. Otherwise horizontally.

`<el-header>`: container for headers.

`<el-aside>`: container for side sections (usually a side nav).

`<el-main>`: container for main sections.

`<el-footer>`: container for footers.

These components use flex for layout, so please make sure your browser supports it. Besides, `<el-container>`'s direct child elements have to be one or more of the latter four components. And father element of the latter four components must be a `<el-container>`.

Common layouts

```
<el-container>
  <el-header>Header</el-header>
  <el-main>Main</el-main>
</el-container>

<el-container>
  <el-header>Header</el-header>
  <el-main>Main</el-main>
  <el-footer>Footer</el-footer>
</el-container>

<el-container>
  <el-aside width="200px">Aside</el-aside>
  <el-main>Main</el-main>
</el-container>

<el-container>
  <el-header>Header</el-header>
  <el-container>
    <el-aside width="200px">Aside</el-aside>
    <el-main>Main</el-main>
  </el-container>
</el-container>

<el-container>
  <el-header>Header</el-header>
```

```html
<el-container>
  <el-aside width="200px">Aside</el-aside>
  <el-container>
    <el-main>Main</el-main>
    <el-footer>Footer</el-footer>
  </el-container>
</el-container>

<el-container>
  <el-aside width="200px">Aside</el-aside>
  <el-container>
    <el-header>Header</el-header>
    <el-main>Main</el-main>
  </el-container>
</el-container>

<el-container>
  <el-aside width="200px">Aside</el-aside>
  <el-container>
    <el-header>Header</el-header>
    <el-main>Main</el-main>
    <el-footer>Footer</el-footer>
  </el-container>
</el-container>

<style>
  .el-header, .el-footer {
    background-color: #B3C0D1;
    color: #333;
    text-align: center;
    line-height: 60px;
  }

  .el-aside {
    background-color: #D3DCE6;
    color: #333;
    text-align: center;
    line-height: 200px;
  }

  .el-main {
    background-color: #E9EEF3;
    color: #333;
    text-align: center;
    line-height: 160px;
```

```css
  }

  body > .el-container {
    margin-bottom: 40px;
  }

  .el-container:nth-child(5) .el-aside,
  .el-container:nth-child(6) .el-aside {
    line-height: 260px;
  }

  .el-container:nth-child(7) .el-aside {
    line-height: 320px;
  }
</style>
```

Example

```html
<el-container style="height: 500px; border: 1px solid #eee">
  <el-aside width="200px" style="background-color: rgb(238, 241, 246)">
    <el-menu :default-openeds="['1', '3']">
      <el-submenu index="1">
        <template slot="title"><i class="el-icon-message"></i>Navigator One</template>
        <el-menu-item-group>
          <template slot="title">Group 1</template>
          <el-menu-item index="1-1">Option 1</el-menu-item>
          <el-menu-item index="1-2">Option 2</el-menu-item>
        </el-menu-item-group>
        <el-menu-item-group title="Group 2">
          <el-menu-item index="1-3">Option 3</el-menu-item>
        </el-menu-item-group>
        <el-submenu index="1-4">
          <template slot="title">Option4</template>
          <el-menu-item index="1-4-1">Option 4-1</el-menu-item>
        </el-submenu>
      </el-submenu>
      <el-submenu index="2">
        <template slot="title"><i class="el-icon-menu"></i>Navigator Two</template>
        <el-menu-item-group>
          <template slot="title">Group 1</template>
          <el-menu-item index="2-1">Option 1</el-menu-item>
          <el-menu-item index="2-2">Option 2</el-menu-item>
        </el-menu-item-group>
        <el-menu-item-group title="Group 2">
          <el-menu-item index="2-3">Option 3</el-menu-item>
        </el-menu-item-group>
```

```html
      <el-submenu index="2-4">
        <template slot="title">Option 4</template>
        <el-menu-item index="2-4-1">Option 4-1</el-menu-item>
      </el-submenu>
    </el-submenu>
    <el-submenu index="3">
      <template slot="title"><i class="el-icon-setting"></i>Navigator Three</template>
      <el-menu-item-group>
        <template slot="title">Group 1</template>
        <el-menu-item index="3-1">Option 1</el-menu-item>
        <el-menu-item index="3-2">Option 2</el-menu-item>
      </el-menu-item-group>
      <el-menu-item-group title="Group 2">
        <el-menu-item index="3-3">Option 3</el-menu-item>
      </el-menu-item-group>
      <el-submenu index="3-4">
        <template slot="title">Option 4</template>
        <el-menu-item index="3-4-1">Option 4-1</el-menu-item>
      </el-submenu>
    </el-submenu>
  </el-menu>
</el-aside>

<el-container>
  <el-header style="text-align: right; font-size: 12px">
    <el-dropdown>
      <i class="el-icon-setting" style="margin-right: 15px"></i>
      <el-dropdown-menu slot="dropdown">
        <el-dropdown-item>View</el-dropdown-item>
        <el-dropdown-item>Add</el-dropdown-item>
        <el-dropdown-item>Delete</el-dropdown-item>
      </el-dropdown-menu>
    </el-dropdown>
    <span>Tom</span>
  </el-header>

  <el-main>
    <el-table :data="tableData">
      <el-table-column prop="date" label="Date" width="140">
      </el-table-column>
      <el-table-column prop="name" label="Name" width="120">
      </el-table-column>
      <el-table-column prop="address" label="Address">
      </el-table-column>
    </el-table>
  </el-main>
```

```
    </el-container>
</el-container>

<style>
  .el-header {
    background-color: #B3C0D1;
    color: #333;
    line-height: 60px;
  }

  .el-aside {
    color: #333;
  }
</style>

<script>
  export default {
    data() {
      const item = {
        date: '2016-05-02',
        name: 'Tom',
        address: 'No. 189, Grove St, Los Angeles'
      };
      return {
        tableData: Array(20).fill(item)
      }
    }
  };
</script>
```

Container Attributes

Attribute	Description	Type	Accepted Values	Default
direction	layout direction for child elements	string	horizontal / vertical	vertical when nested with `el-header` or `el-footer`; horizontal otherwise

Header Attributes

Attribute	Description	Type	Accepted Values	Default
height	height of the header	string	—	60px

Aside Attributes

Attribute	Description	Type	Accepted Values	Default
width	width of the side section	string	—	300px

Footer Attributes

Attribute	Description	Type	Accepted Values	Default
height	height of the footer	string	—	60px