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It's possible however to split any paragraph (or even the whole document) into columns.

Here we go with 2 star-sized columns:

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auto column	This is a star-sized column. It should get the remaining space divided by the number of all star-sized columns.	this one has	another auto column	This is a star-sized column. It should get the remaining space divided by the number of all star-sized columns.
		specific width set to 50		

If all auto columns fit within available width, the table does not occupy whole space (the effect is a little bit awkward, as there is no paddings set in this example):

val1val2value3value 4

Another cool feature of pdfmake is the ability to have nested elements. Each column is actually

quite similar to the whole document, so we can have inner paragraphs and further divisions, like in the following example:

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As you can see in the document definition - this column is not defined with an object, but an array, which means it's treated as an array of paragraphs rendered one below another.

Just like on the top-level of the document. Let's try to divide the remaining space into 3 star-sized columns:

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Oh, don't forget, we can use everything from styling examples (named styles, custom overrides) here as well.

For instance - our next paragraph will use the 'bigger' style (with `fontSize` set to 15 and `italics` - `true`). We'll split it into three columns and make sure they inherit the style:

First column (BTW - it's defined as a single string value. pdfmake will turn it into appropriate structure automatically and make sure it inherits the styles

In this column, we've overridden `fontSize` to 20. It means the content should have `italics=true` (inherited from the style) and be a little bit bigger

Last column does not override any styling properties, but applies a new style (header) to itself. Eventually - texts here have `italics=true` (from bigger) and derive `fontSize` from the style. OK, but which one? Both styles define it. As we already know from our styling examples, multiple styles can be applied to the element and their order is important. Because 'header' style has been set after 'bigger' its `fontSize` takes precedence over the

*fontSize from 'bigger'.
This is how it works.
You will find more
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Wow, you've read the whole document! Congratulations :D

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For instance - our next paragraph will use the 'bigger' style (with `fontSize` set to 15 and `italics` - true). We'll split it into three columns and make sure they inherit the style:

<i>First column (BTW - it's defined as a single string value. pdfmake will turn it into appropriate structure automatically and make sure it inherits the styles</i>	<i>In this column, we've overridden <code>fontSize</code> to 20. It means the content should have <code>italics=true</code> (inherited from the</i>	<i>Last column does not override any styling properties, but applies a new style (header) to itself. Eventually - texts here have <code>italics=true</code> (from bigger) and derive</i>
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style) and be a little bit bigger *fontSize from the style. OK, but which one? Both styles define it. As we already know from our styling examples, multiple styles can be applied to the element and their order is important. Because 'header' style has been set after 'bigger' its fontSize takes precedence over the fontSize from 'bigger'. This is how it works. You will find more examples in the unit tests.*

Wow, you've read the whole document! Congratulations :D

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For instance - our next paragraph will use the 'bigger' style (with `fontSize` set to 15 and `italics` - `true`). We'll split it into three columns and make sure they inherit the style:

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Wow, you've read the whole document! Congratulations :D

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viveremus aeternum superstitionem	viveremus aeternum superstitionem	viveremus aeternum superstitionem
suspicio alia nostram, quando	suspicio alia nostram, quando	suspicio alia nostram, quando
nostros congressus	nostros congressus	nostros congressus
susceperant concederetur	susceperant concederetur	susceperant concederetur
leguntur iam, vigiliae	leguntur iam, vigiliae	leguntur iam, vigiliae
democritea tantopere causae,	democritea tantopere causae,	democritea tantopere causae,
atilius plerumque ipsas potitur	atilius plerumque ipsas potitur	atilius plerumque ipsas potitur
pertineant multis rem quaeri	pertineant multis rem quaeri	pertineant multis rem quaeri
pro, legendum didicisse credere	pro, legendum didicisse credere	pro, legendum didicisse credere
ex maluisse per videtis. Cur	ex maluisse per videtis. Cur	ex maluisse per videtis. Cur
discordans praetereat aliae	discordans praetereat aliae	discordans praetereat aliae
ruinae diriguntur orestem	ruinae diriguntur orestem	ruinae diriguntur orestem
eodem, praetermittenda	eodem, praetermittenda	eodem, praetermittenda
divinum. Collegisti, deteriora	divinum. Collegisti, deteriora	divinum. Collegisti, deteriora
malint loquuntur officii cotidie	malint loquuntur officii cotidie	malint loquuntur officii cotidie
finitas referri doleamus	finitas referri doleamus	finitas referri doleamus
ambigua acute. Adhaesiones	ambigua acute. Adhaesiones	ambigua acute. Adhaesiones
ratione beate arbitraretur	ratione beate arbitraretur	ratione beate arbitraretur
detractis perdiscere,	detractis perdiscere,	detractis perdiscere,
constituant hostis polyaeno.	constituant hostis polyaeno.	constituant hostis polyaeno.
Diu concederetur.	Diu concederetur.	Diu concederetur.

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inferiorem, affecti
honestum ferreum cum
tot nemo ius partes
dissensio opinor, tuum
intellegunt numeris
ignorant, odia diligenter
licet, sublatum repellere,
maior ficta severa
quantum mortem. Aut
evertitur impediri
vivamus.

concederetur leguntur
iam, vigiliae democritea
tantopere causae, atilii
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telos detrimenti persius
possint eripuit appellat
democrito suscipere
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levitatibus confirmavit,
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accommodare
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polyaeno. Diu
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viveremus aeternum superstitionem	viveremus aeternum superstitionem	viveremus aeternum superstitionem
suspicio alia nostram, quando	suspicio alia nostram, quando	suspicio alia nostram, quando
nostros congressus	nostros congressus	nostros congressus
susceperant concederetur	susceperant concederetur	susceperant concederetur
leguntur iam, vigiliae	leguntur iam, vigiliae	leguntur iam, vigiliae
democritea tantopere causae,	democritea tantopere causae,	democritea tantopere causae,
atilius plerumque ipsas potitur	atilius plerumque ipsas potitur	atilius plerumque ipsas potitur
pertineant multis rem quaeri	pertineant multis rem quaeri	pertineant multis rem quaeri
pro, legendum didicisse credere	pro, legendum didicisse credere	pro, legendum didicisse credere
ex maluisse per videtis. Cur	ex maluisse per videtis. Cur	ex maluisse per videtis. Cur
discordans praetereat aliae	discordans praetereat aliae	discordans praetereat aliae
ruinae diriguntur orestem	ruinae diriguntur orestem	ruinae diriguntur orestem
eodem, praetermittenda	eodem, praetermittenda	eodem, praetermittenda
divinum. Collegisti, deteriora	divinum. Collegisti, deteriora	divinum. Collegisti, deteriora
malint loquuntur officii cotidie	malint loquuntur officii cotidie	malint loquuntur officii cotidie
finitas referri doleamus	finitas referri doleamus	finitas referri doleamus
ambigua acute. Adhaesiones	ambigua acute. Adhaesiones	ambigua acute. Adhaesiones
ratione beate arbitraretur	ratione beate arbitraretur	ratione beate arbitraretur
detractis perdiscere,	detractis perdiscere,	detractis perdiscere,
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constituant
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Diu
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inferiorem, affecti
honestum ferreum cum
tot nemo ius partes
dissensio opinor, tuum
intellegunt numeris
ignorant, odia diligenter
licet, sublatum repellere,
maior ficta severa
quantum mortem. Aut
evertitur impediri
vivamus.

concederetur leguntur
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viveremus aeternum superstitionem	viveremus aeternum superstitionem	viveremus aeternum superstitionem
suspicio alia nostram, quando	suspicio alia nostram, quando	suspicio alia nostram, quando
nostros congressus	nostros congressus	nostros congressus
susceperant concederetur	susceperant concederetur	susceperant concederetur
leguntur iam, vigiliae	leguntur iam, vigiliae	leguntur iam, vigiliae
democritea tantopere causae,	democritea tantopere causae,	democritea tantopere causae,
atilius plerumque ipsas potitur	atilius plerumque ipsas potitur	atilius plerumque ipsas potitur
pertineant multis rem quaeri	pertineant multis rem quaeri	pertineant multis rem quaeri
pro, legendum didicisse credere	pro, legendum didicisse credere	pro, legendum didicisse credere
ex maluisse per videtis. Cur	ex maluisse per videtis. Cur	ex maluisse per videtis. Cur
discordans praetereat aliae	discordans praetereat aliae	discordans praetereat aliae
ruinae diriguntur orestem	ruinae diriguntur orestem	ruinae diriguntur orestem
eodem, praetermittenda	eodem, praetermittenda	eodem, praetermittenda
divinum. Collegisti, deteriora	divinum. Collegisti, deteriora	divinum. Collegisti, deteriora
malint loquuntur officii cotidie	malint loquuntur officii cotidie	malint loquuntur officii cotidie
finitas referri doleamus	finitas referri doleamus	finitas referri doleamus
ambigua acute. Adhaesiones	ambigua acute. Adhaesiones	ambigua acute. Adhaesiones
ratione beate arbitraretur	ratione beate arbitraretur	ratione beate arbitraretur
detractis perdiscere,	detractis perdiscere,	detractis perdiscere,
constituant hostis polyaeno.	constituant hostis polyaeno.	constituant hostis polyaeno.
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orestem eodem,
praetermittenda divinum.
Collegisti, deteriora
malint loquuntur officii
cotidie finitas referri
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detractis perdiscere,
constituant hostis
polyaeno. Diu
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concederetur leguntur
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superstitio suspicor alia nostram, quando
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Diu concederetur.

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We also support auto columns. They set their widths based on the content:

auto column	This is a star-sized column. It should get the remaining space divided by the number of all star-sized columns.	this one has specific width set to 50	another auto column	This is a star-sized column. It should get the remaining space divided by the number of all star-sized columns.
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If all auto columns fit within available width, the table does not occupy whole space (the effect is a little bit awkward, as there is no paddings set in this example):

val1val2value3value 4

Another cool feature of pdfmake is the ability to have nested elements. Each column is actually quite similar to the whole document, so we can have inner paragraphs and further divisions, like in the following example:

Lorem ipsum dolor sit
amet, consectetur
adipiscing elit.
Conveniunt quieti
extremum severitatem
disseretur virtute locum
virtus declarant. Greges

As you can see in the document definition - this column is not defined with an object, but an array, which means it's treated as an array of paragraphs rendered one below another.
Just like on the top-level of the document. Let's try to divide the remaining space into 3 star-sized columns:

telos detrimenti persius
 possint eripuit appellat
 democrito suscipere
 existimant. Facere usus
 levitatibus confirmavit,
 provincia rutilius libris
 accommodare
 valetudinis ignota
 fugienda arbitramur
 falsarum commodius.
 Voluptas summis
 arbitraretur cognitio
 temperantiamque, fuit
 posidonium pro
 assueverit animos
 inferiorem, affecti
 honestum ferreum cum
 tot nemo ius partes
 dissensio opinor, tuum
 intellegunt numeris
 ignorant, odia diligenter
 licet, sublatum repellere,
 maior ficta severa
 quantum mortem. Aut
 evertitur impediri
 vivamus.

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Star-sized columns have always equal widths, so if we define 3 of those, it'll look like this (make sure to scroll to the next page, as we have a couple of more examples):

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discordans praetereat aliae ruinae dirigentur
orestem eodem, praetermittenda divinum.
Collegisti, deteriora malint loquuntur officii
cotidie finitas referri doleamus ambigua acute.
Adhaesiones ratione beate arbitraretur
detractis perdiscere, constituent hostis
polyaeno. Diu concederetur.

Star-sized columns have always equal widths, so if we define 3 of those, it'll look like this (make sure to scroll to the next page, as we have a couple of more examples):

Lorem ipsum dolor sit amet,
consectetur adipisicing elit.
Malit profecta versatur nomine
ocurreret multavit, officiis
viveremus aeternum superstitio
suspikor alia nostram, quando
nostros congressus
susceperant concederetur
leguntur iam, vigiliae
democritea tantopere causae,
atilii plerumque ipsas potitur
pertineant multis rem quaeri
pro, legendum didicisse credere
ex maluisset per videtis. Cur
discordans praetereat aliae
ruinae dirigentur orestem
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divinum. Collegisti, deteriora
malint loquuntur officii cotidie
finitas referri doleamus
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Diu concederetur.

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orestem eodem,
praetermittenda
divinum.
Collegisti,
deteriora malint
loquuntur officii
cotidie finitas
referri doleamus
ambigua acute.
Adhaesiones
ratione beate
arbitraretur
detractis
perdiscere,
constituant
hostis polyaeno.
Diu
concederetur.

orestem eodem,
praetermittenda
divinum.
Collegisti,
deteriora malint
loquuntur officii
cotidie finitas
referri doleamus
ambigua acute.
Adhaesiones
ratione beate
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detractis
perdiscere,
constituant
hostis polyaeno.
Diu
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We also support auto columns. They set their widths based on the content:

auto column	This is a star-sized column. It should get the remaining space divided by the number of all star-sized columns.	this one has specific width set to 50	another auto column	This is a star-sized column. It should get the remaining space divided by the number of all star-sized columns.
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If all auto columns fit within available width, the table does not occupy whole space (the effect is a little bit awkward, as there is no paddings set in this example):

val1val2value3value 4

Another cool feature of pdfmake is the ability to have nested elements. Each column is actually quite similar to the whole document, so we can have inner paragraphs and further divisions, like in the following example:

Lorem ipsum dolor sit
amet, consectetur
adipiscing elit.
Conveniunt quieti
extremum severitatem
disseretur virtute locum
virtus declarant. Greges

As you can see in the document definition - this column is not defined with an object, but an array, which means it's treated as an array of paragraphs rendered one below another.
Just like on the top-level of the document. Let's try to divide the remaining space into 3 star-sized columns:

telos detrimenti persius
 possint eripuit appellat
 democrito suscipere
 existimant. Facere usus
 levitatibus confirmavit,
 provincia rutilius libris
 accommodare
 valetudinis ignota
 fugienda arbitramur
 falsarum commodius.
 Voluptas summis
 arbitraretur cognitio
 temperantiamque, fuit
 posidonium pro
 assueverit animos
 inferiorem, affecti
 honestum ferreum cum
 tot nemo ius partes
 dissensio opinor, tuum
 intellegunt numeris
 ignorant, odia diligenter
 licet, sublatum repellere,
 maior ficta severa
 quantum mortem. Aut
 evertitur impediri
 vivamus.

Lorem ipsum dolor sit
 amet, consectetur
 adipiscing elit. Malit
 profecta versatur nomine
 occurreret multavit,
 officiis viveremus
 aeternum superstitio
 suspicor alia nostram,
 quando nostros
 congressus susceperant
 concederetur leguntur
 iam, vigiliae democritea
 tantopere causae, atilii
 plerumque ipsas potitur
 pertineant multis rem
 quaeri pro, legendum
 didicisse credere ex
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 discordans praetereat
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 orestem eodem,
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 Collegisti, deteriora
 malint loquuntur officii
 cotidie finitas referri
 doleamus ambigua
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Oh, don't forget, we can use everything from styling examples (named styles, custom overrides) here as well.

For instance - our next paragraph will use the 'bigger' style (with fontSize set to 15 and italics - true). We'll split it into three columns and make sure they inherit the style:

First column (BTW - it's defined as a single string value. pdfmake will turn it into appropriate structure automatically and make sure it inherits the styles

In this column, we've overridden `fontSize` to 20. It means the content should have `italics=true` (inherited from the style) and be a little bit bigger

Last column does not override any styling properties, but applies a new style (header) to itself. Eventually - texts here have `italics=true` (from bigger) and derive `fontSize` from the style. OK, but which one? Both styles define it. As we already know from our styling examples, multiple styles can be applied to the element and their order is important. Because 'header' style has been set after 'bigger' its `fontSize` takes precedence over the `fontSize` from 'bigger'. This is how it works. You will find more examples in the unit tests.

Wow, you've read the whole document! Congratulations :D

If all auto columns fit within available width, the table does not occupy whole space (the effect is a little bit awkward, as there is no paddings set in this example):

val1val2value3value 4

Another cool feature of pdfmake is the ability to have nested elements. Each column is actually quite similar to the whole document, so we can have inner paragraphs and further divisions, like in the following example:

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Wow, you've read the whole document! Congratulations :D

By default paragraphs are stacked one on top of (or actually - below) another.

It's possible however to split any paragraph (or even the whole document) into columns.

Here we go with 2 star-sized columns:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiis viveremus aeternum superstitionis suspicor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae, atilii plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae diriguntur orestem eodem, praetermittenda divinum. Collegisti, deteriora malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere, constituent hostis polyano. Diu concederetur.

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constituant
hostis polyaeno.
Diu
concederetur.

constituant
hostis polyaeno.
Diu
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intellegunt numeris
ignorant, odia diligenter
licet, sublatum repellere,
maior ficta severa
quantum mortem. Aut
evertitur impediri
vivamus.

plerumque ipsas potitur
pertineant multis rem
quaeri pro, legendum
didicisse credere ex
maluisset per videtis. Cur
discordans praetereat
aliae ruinae dirigentur
orestem eodem,
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Collegisti, deteriora
malint loquuntur officii
cotidie finitas referri
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cotidie finitas referri
doleamus ambigua
acute. Adhaesiones
ratione beate arbitraretur
detractis perdiscere,
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val1val2value3value 4

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Lorem ipsum dolor sit
amet, consectetur

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adipisicing elit.
Conveniunt quieti
extremum severitatem
disseretur virtute locum
virtus declarant. Greges
telos detrimenti persius
possint eripuit appellat
democrito suscipere
existimant. Facere usus
levitatibus confirmavit,
provincia rutilius libris
accommodare
valetudinis ignota
fugienda arbitramur
falsarum commodius.
Voluptas summis
arbitrarer cognitio
temperantiamque, fuit
posidonium pro
assueverit animos
inferiorem, affecti
honestum ferreum cum
tot nemo ius partes
dissensio opinor, tuum
intellegunt numeris
ignorant, odia diligenter
licet, sublatum repellere,
maior ficta severa
quantum mortem. Aut
evertitur impediri
vivamus.

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We also support auto columns. They set their widths based on the content:

auto column	This is a star-sized column. It should get the remaining space divided by the number of all star-sized columns.	this one has specific width set to 50	another auto column	This is a star-sized column. It should get the remaining space divided by the number of all star-sized columns.
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Diu concederetur.

Diu concederetur.

Diu concederetur.

You can also specify accurate widths for some (or all columns). Let's make the first column and the last one narrow and let the layout engine divide remaining space equally between other star-columns:

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cotidie finitas
referri doleamus
ambigua acute.
Adhaesiones
ratione beate
arbitraretur
detractis
perdiscere,
constituant
hostis polyaeno.
Diu
concederetur.

We also support auto columns. They set their widths based on the content:

auto column	This is a star-sized column. It should get the remaining space divided by the number of all star- sized columns.	this one has	another auto column	This is a star-sized column. It should get the remaining space divided by the number of all star- sized columns.
		specific width set to 50		

If all auto columns fit within available width, the table does not occupy whole space (the effect is a little bit awkward, as there is no paddings set in this example):

val1val2value3value 4

Another cool feature of pdfmake is the ability to have nested elements. Each column is actually quite similar to the whole document, so we can have inner paragraphs and further divisions, like in the following example:

Lorem ipsum dolor sit
amet, consectetur
adipiscing elit.
Conveniunt quieti
extremum severitatem
disseretur virtute locum
virtus declarant. Greges

As you can see in the document definition - this column is not defined with an object, but an array, which means it's treated as an array of paragraphs rendered one below another.
Just like on the top-level of the document. Let's try to divide the remaining space into 3 star-sized columns:

telos detrimenti persius
 possint eripuit appellat
 democrito suscipere
 existimant. Facere usus
 levitatibus confirmavit,
 provincia rutilius libris
 accommodare
 valetudinis ignota
 fugienda arbitramur
 falsarum commodius.
 Voluptas summis
 arbitraretur cognitio
 temperantiamque, fuit
 posidonium pro
 assueverit animos
 inferiorem, affecti
 honestum ferreum cum
 tot nemo ius partes
 dissensio opinor, tuum
 intellegunt numeris
 ignorant, odia diligenter
 licet, sublatum repellere,
 maior ficta severa
 quantum mortem. Aut
 evertitur impediri
 vivamus.

Lorem ipsum dolor sit
 amet, consectetur
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 profecta versatur nomine
 occurreret multavit,
 officiis viveremus
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 iam, vigiliae democritea
 tantopere causae, atilii
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 didicisse credere ex
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 discordans praetereat
 aliae ruinae dirigentur
 orestem eodem,
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 Collegisti, deteriora
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For instance - our next paragraph will use the 'bigger' style (with fontSize set to 15 and italics - true). We'll split it into three columns and make sure they inherit the style:

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In this column, we've overridden `fontSize` to 20. It means the content should have `italics=true` (inherited from the style) and be a little bit bigger

Last column does not override any styling properties, but applies a new style (header) to itself. Eventually - texts here have `italics=true` (from bigger) and derive `fontSize` from the style. OK, but which one? Both styles define it. As we already know from our styling examples, multiple styles can be applied to the element and their order is important. Because 'header' style has been set after 'bigger' its `fontSize` takes precedence over the `fontSize` from 'bigger'. This is how it works. You will find more examples in the unit tests.

Wow, you've read the whole document! Congratulations :D

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malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere, constituant hostis polyaeno. Diu concederetur.	malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere, constituant hostis polyaeno. Diu concederetur.	malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere, constituant hostis polyaeno. Diu concederetur.
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By default paragraphs are stacked one on top of (or actually - below) another.

It's possible however to split any paragraph (or even the whole document) into columns.

Here we go with 2 star-sized columns:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiis viveremus aeternum superstitio suspicor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae, atilii plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae dirigentur orestem eodem, praetermittenda divinum. Collegisti, deteriora malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere, constituent hostis polyaeno. Diu concederetur.

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Star-sized columns have always equal widths, so if we define 3 of those, it'll look like this (make sure to scroll to the next page, as we have a couple of more examples):

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine ocurreret multavit, officiis viveremus aeternum superstitio suspikor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae, atili plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae dirigentur orestem eodem, praetermittenda divinum. Collegisti, deteriora malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere, constituant hostis polyaeno. Diu concederetur.	Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine ocurreret multavit, officiis viveremus aeternum superstitio suspikor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae, atili plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae dirigentur orestem eodem, praetermittenda divinum. Collegisti, deteriora malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere, constituant hostis polyaeno. Diu concederetur.	Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine ocurreret multavit, officiis viveremus aeternum superstitio suspikor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae, atili plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae dirigentur orestem eodem, praetermittenda divinum. Collegisti, deteriora malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere, constituant hostis polyaeno. Diu concederetur.
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You can also specify accurate widths for some (or all columns). Let's make the first column and the last one narrow and let the layout engine divide remaining space equally between other star-columns:

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine ocurreret multavit, officiis	Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine ocurreret multavit, officiis viveremus aeternum superstitio suspikor alia nostram, quando nostros congressus susceperant	Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine ocurreret multavit, officiis viveremus aeternum superstitio suspikor alia nostram, quando nostros congressus susceperant	Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine ocurreret multavit, officiis
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viveremus aeternum superstitio suspicio alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae, atilii plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae diriguntur orestem eodem, praetermittenda divinum. Collegisti, deteriora malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere,	concederetur leguntur iam, vigiliae democritea tantopere causae, atilii plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae diriguntur orestem eodem, praetermittenda divinum. Collegisti, deteriora malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere, constituent hostis polyaeno. Diu concederetur.	concederetur leguntur iam, vigiliae democritea tantopere causae, atilii plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae diriguntur orestem eodem, praetermittenda divinum. Collegisti, deteriora malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere, constituent hostis polyaeno. Diu concederetur.	viveremus aeternum superstitio suspicio alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae, atilii plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae diriguntur orestem eodem, praetermittenda divinum. Collegisti, deteriora malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere,
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hostis polyaeno.
Diu
concederetur.

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Diu
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We also support auto columns. They set their widths based on the content:

auto column	This is a star-sized column. It should get the remaining space divided by the number of all star-sized columns.	this one has specific column width set to 50	another auto column	This is a star-sized column. It should get the remaining space divided by the number of all star-sized columns.
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val1val2value3value 4

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intellegunt numeris
ignorant, odia diligenter
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provincia rutilius libris
accommodare
valetudinis ignota
fugienda arbitramur
falsarum commodius.
Voluptas summis
arbitrarer cognitio
temperantiamque, fuit
posidonium pro
assueverit animos
inferiorem, affecti
honestum ferreum cum
tot nemo ius partes
dissensio opinor, tuum
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officiis viveremus
aeternum superstitio
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quando nostros
congressus susceperant
concederetur leguntur
iam, vigiliae democritea
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auto column	This is a star-sized column. It should get the remaining space divided by the number of all star-sized columns.	this one has specific width set to 50	another auto column	This is a star-sized column. It should get the remaining space divided by the number of all star-sized columns.
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val1val2value3value 4

Another cool feature of pdfmake is the ability to have nested elements. Each column is actually quite similar to the whole document, so we can have inner paragraphs and further divisions, like in the following example:

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detractis perdiscere,
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superstitio suspicor alia nostram, quando
 nostros congressus susceperant concederetur
 leguntur iam, vigiliae democritea tantopere
 causae, atilii plerumque ipsas potitur pertineant
 multis rem quaeri pro, legendum didicisse
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Diu concederetur.

Diu concederetur.

Diu concederetur.

You can also specify accurate widths for some (or all columns). Let's make the first column and the last one narrow and let the layout engine divide remaining space equally between other star-columns:

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine ocurreret multavit, officiis viveremus aeternum superstitio suspitor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae, atilii plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae dirigentur	Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine ocurreret multavit, officiis viveremus aeternum superstitio suspitor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae, atilii plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae dirigentur orestem eodem, praetermittenda divinum. Collegisti, deteriora malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere, constituent hostis polyaeno. Diu concederetur.	Lorem ipsum dolor sit amet, consectetur adipisicing elit. ocurreret multavit, officiis viveremus aeternum superstitio suspitor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae, atilii plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae dirigentur orestem eodem, praetermittenda divinum. Collegisti, deteriora malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere, constituent hostis polyaeno. Diu concederetur.	Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine ocurreret multavit, officiis viveremus aeternum superstitio suspitor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae, atilii plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae dirigentur
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praetermittenda
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Collegisti,
deteriora malint
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referri doleamus
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Adhaesiones
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telos detrimenti persius
 possint eripuit appellat
 democrito suscipere
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 levitatibus confirmavit,
 provincia rutilius libris
 accommodare
 valetudinis ignota
 fugienda arbitramur
 falsarum commodius.
 Voluptas summis
 arbitraretur cognitio
 temperantiamque, fuit
 posidonium pro
 assueverit animos
 inferiorem, affecti
 honestum ferreum cum
 tot nemo ius partes
 dissensio opinor, tuum
 intellegunt numeris
 ignorant, odia diligenter
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hostis polyaeno.
Diu
concederetur.

constituant
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We also support auto columns. They set their widths based on the content:

auto column	This is a star-sized column. It should get the remaining space divided by the number of all star-sized columns.	this one has specific column width set to 50	another auto column	This is a star-sized column. It should get the remaining space divided by the number of all star-sized columns.
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maior ficta severa
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vivamus.

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auto column	This is a star-sized column. It should get the remaining space divided by the number of all star-sized columns.	this one has specific width set to 50	another auto column	This is a star-sized column. It should get the remaining space divided by the number of all star-sized columns.
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val1val2value3value 4

Another cool feature of pdfmake is the ability to have nested elements. Each column is actually quite similar to the whole document, so we can have inner paragraphs and further divisions, like in the following example:

>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Conveniunt quieti extremum severitatem disserteret virtute locum virtus declarant. Greges telos detrimenti persius possint eripuit appellat democrito suscipere existimant. Facere usus levitatibus confirmavit, provincia rutilius libris accommodare valetudinis ignota fugienda arbitramur falsarum commodius. Voluptas summis arbitrarer cognitio temperantiamque, fuit posidonium pro assueverit animos inferiorem, affecti honestum ferreum cum tot nemo ius partes dissensio opinor, tuum intellegunt numeris ignorant, odia diligenter licet, sublatum repellere, maior ficta severa quantum mortem. Aut evertitur impediri vivamus.	As you can see in the document definition - this column is not defined with an object, but an array, which means it's treated as an array of paragraphs rendered one below another. Just like on the top-level of the document. Let's try to divide the remaining space into 3 star-sized columns:		
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acute. Adhaesiones
ratione beate arbitraretur
detractis perdiscere,
constituant hostis
polyaeno. Diu
concederetur.

acute. Adhaesiones
ratione beate arbitraretur
detractis perdiscere,
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First column (BTW - it's defined as a single string value. pdfmake will turn it into appropriate structure automatically and make sure it inherits the styles

In this column, we've overridden `fontSize` to 20. It means the content should have `italics=true` (inherited from the style) and be a little bit bigger

Last column does not override any styling properties, but applies a new style (header) to itself. Eventually - texts here have `italics=true` (from bigger) and derive `fontSize` from the style. OK, but which one? Both styles define it. As we already know from our styling examples, multiple styles can be applied to the element and their order is important. Because

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Wow, you've read the whole document! Congratulations :D

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<i>First column (BTW - it's defined as a single string value. pdfmake will turn it into appropriate structure automatically and make sure it inherits the styles</i>	<i>In this column, we've overridden <code>fontSize</code> to 20. It means the content should have <code>italics=true</code></i>	<i>Last column does not override any styling properties, but applies a new style (header) to itself. Eventually - texts here have <code>italics=true</code> (from</i>
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Wow, you've read the whole document! Congratulations :D

By default paragraphs are stacked one on top of (or actually - below) another.

It's possible however to split any paragraph (or even the whole document) into columns.

Here we go with 2 star-sized columns:

Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Malit profecta versatur nomine
ocurreret multavit, officiis viveremus aeternum

Lorem ipsum dolor sit amet, consectetur
adipiscing elit. Malit profecta versatur nomine
ocurreret multavit, officiis viveremus aeternum

superstitio suspicor alia nostram, quando
 nostros congressus susceperant concederetur
 leguntur iam, vigiliae democritea tantopere
 causae, atilii plerumque ipsas potitur pertineant
 multis rem quaeri pro, legendum didicisse
 credere ex maluisset per videtis. Cur
 discordans praetereat aliae ruinae dirigentur
 orestem eodem, praetermittenda divinum.
 Collegisti, deteriora malint loquuntur officii
 cotidie finitas referri doleamus ambigua acute.
 Adhaesiones ratione beate arbitraretur
 detractis perdiscere, constituent hostis
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 cotidie finitas referri doleamus ambigua acute.
 Adhaesiones ratione beate arbitraretur
 detractis perdiscere, constituent hostis
 polyaeno. Diu concederetur.

Star-sized columns have always equal widths, so if we define 3 of those, it'll look like this (make sure to scroll to the next page, as we have a couple of more examples):

Lorem ipsum dolor sit amet,
 consectetur adipisicing elit.
 Malit profecta versatur nomine
 occurreret multavit, officiis
 viveremus aeternum superstitio
 suspicor alia nostram, quando
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 democritea tantopere causae,
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 pertineant multis rem quaeri
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telos detrimenti persius
 possint eripuit appellat
 democrito suscipere
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 levitatibus confirmavit,
 provincia rutilius libris
 accommodare
 valetudinis ignota
 fugienda arbitramur
 falsarum commodius.
 Voluptas summis
 arbitraretur cognitio
 temperantiamque, fuit
 posidonium pro
 assueverit animos
 inferiorem, affecti
 honestum ferreum cum
 tot nemo ius partes
 dissensio opinor, tuum
 intellegunt numeris
 ignorant, odia diligenter
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Lorem ipsum dolor sit amet, consectetur adipiscing elit. Conveniunt quieti extremum severitatem disserterur virtute locum virtus declarant. Greges telos detrimenti persius possint eripuit appellat democrito suscipere existimant. Facere usus levitatibus confirmavit, provincia rutilius libris accommodare valetudinis ignota fugienda arbitramur falsarum commodius. Voluptas summis arbitrarer cognitio temperantiamque, fuit posidonium pro assueverit animos inferiorem, affecti honestum ferreum cum tot nemo ius partes dissensio opinor, tuum intellegunt numeris ignorant, odia diligenter licet, sublatum repellere, maior ficta severa quantum mortem. Aut evertitur impediri vivamus.	As you can see in the document definition - this column is not defined with an object, but an array, which means it's treated as an array of paragraphs rendered one below another. Just like on the top-level of the document. Let's try to divide the remaining space into 3 star-sized columns:	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiis viveremus aeternum superstitio suspicor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae, atilii plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae dirigentur orestem eodem, praetermittenda divinum. Collegisti, deteriora	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiis viveremus aeternum superstitio suspicor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae, atilii plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae dirigentur orestem eodem, praetermittenda divinum. Collegisti, deteriora	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiis viveremus aeternum superstitio suspicor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae, atilii plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae dirigentur orestem eodem, praetermittenda divinum. Collegisti, deteriora
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malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere, constituant hostis polyaeno. Diu concederetur.	malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere, constituant hostis polyaeno. Diu concederetur.	malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere, constituant hostis polyaeno. Diu concederetur.
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Oh, don't forget, we can use everything from styling examples (named styles, custom overrides) here as well.

For instance - our next paragraph will use the 'bigger' style (with `fontSize` set to 15 and `italics` - true). We'll split it into three columns and make sure they inherit the style:

First column (BTW - it's defined as a single string value. pdfmake will turn it into appropriate structure automatically and make sure it inherits the styles

In this column, we've overridden `fontSize` to 20. It means the content should have `italics=true` (inherited from the style) and be a little bit bigger

Last column does not override any styling properties, but applies a new style (header) to itself. Eventually - texts here have `italics=true` (from bigger) and derive `fontSize` from the style. OK, but which one? Both styles define it. As we already know from our styling examples, multiple styles can be applied to the element

and their order is important. Because 'header' style has been set after 'bigger' its fontSize takes precedence over the fontSize from 'bigger'. This is how it works. You will find more examples in the unit tests.

Wow, you've read the whole document! Congratulations :D

By default paragraphs are stacked one on top of (or actually - below) another.

It's possible however to split any paragraph (or even the whole document) into columns.

Here we go with 2 star-sized columns:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiis viveremus aeternum superstitionis suspicor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae, atilii plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae diriguntur orestem eodem, praetermittenda divinum. Collegisti, deteriora malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere, constituent hostis polyano. Diu concederetur.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiis viveremus aeternum superstitionis suspicor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae, atilii plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae diriguntur orestem eodem, praetermittenda divinum. Collegisti, deteriora malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere, constituent hostis polyano. Diu concederetur.

Star-sized columns have always equal widths, so if we define 3 of those, it'll look like this (make sure to scroll to the next page, as we have a couple of more examples):

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine ocurreret multavit, officiis viveremus aeternum superstitio suspikor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae, atili plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae dirigentur orestem eodem, praetermittenda divinum. Collegisti, deteriora malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere, constituant hostis polyaeno. Diu concederetur.	Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine ocurreret multavit, officiis viveremus aeternum superstitio suspikor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae, atili plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae dirigentur orestem eodem, praetermittenda divinum. Collegisti, deteriora malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere, constituant hostis polyaeno. Diu concederetur.	Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine ocurreret multavit, officiis viveremus aeternum superstitio suspikor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae, atili plerumque ipsas potitur pertineant multis rem quaeri pro, legendum didicisse credere ex maluisset per videtis. Cur discordans praetereat aliae ruinae dirigentur orestem eodem, praetermittenda divinum. Collegisti, deteriora malint loquuntur officii cotidie finitas referri doleamus ambigua acute. Adhaesiones ratione beate arbitraretur detractis perdiscere, constituant hostis polyaeno. Diu concederetur.
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You can also specify accurate widths for some (or all columns). Let's make the first column and the last one narrow and let the layout engine divide remaining space equally between other star-columns:

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hostis polyaeno.
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concederetur.

We also support auto columns. They set their widths based on the content:

auto column	This is a star-sized column. It should get the remaining space divided by the number of all star-sized columns.	this one has specific column width set to 50	another auto column	This is a star-sized column. It should get the remaining space divided by the number of all star-sized columns.
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If all auto columns fit within available width, the table does not occupy whole space (the effect is a little bit awkward, as there is no paddings set in this example):

val1val2value3value 4

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intellegunt numeris
ignorant, odia diligenter
licet, sublatum repellere,
maior ficta severa
quantum mortem. Aut
evertitur impediri
vivamus.

plerumque ipsas potitur
pertineant multis rem
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