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Here we go with 2 star-sized columns:

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

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

val1 val2 value3 value 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

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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:

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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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inferiorem, affecti
honestum ferreum cum
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intellegunt numeris
ignorant, odia diligenter
licet, sublatum repellere,
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evertitur impediri
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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 disserteretur virtute locum virtus declarant. Greges telos detrimenti persius possint eripuit appellat democrito suscipere existimant. Facere usus levitibus 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.

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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:

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
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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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viveremus aeternum superstio	viveremus aeternum superstio	viveremus aeternum superstio
suspisor alia nostram, quando	suspisor alia nostram, quando	suspisor 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,
atiliu plerumque ipsas potitur	atiliu plerumque ipsas potitur	atiliu 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 maluisset per videtis. Cur	ex maluisset per videtis. Cur	ex maluisset per videtis. Cur
discordans praetereat aliae	discordans praetereat aliae	discordans praetereat aliae
ruinae dirigentur orestem	ruinae dirigentur orestem	ruinae dirigentur 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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perdiscere,
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,
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evertitur impediri
vivamus.

concederetur leguntur
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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
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viveremus aeternum superstio	viveremus aeternum superstio	viveremus aeternum superstio
suspisor alia nostram, quando	suspisor alia nostram, quando	suspisor 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,
atiliu plerumque ipsas potitur	atiliu plerumque ipsas potitur	atiliu 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 maluisset per videtis. Cur	ex maluisset per videtis. Cur	ex maluisset per videtis. Cur
discordans praetereat aliae	discordans praetereat aliae	discordans praetereat aliae
ruinae dirigentur orestem	ruinae dirigentur orestem	ruinae dirigentur 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
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tot nemo ius partes
dissensio opinor, tuum
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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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aliae ruinae dirigentur
orestem eodem,
praetermittenda divinum.
Collegisti, deteriora
malint loquuntur officii
cotidie finitas referri
doleamus ambigua
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ratione beate arbitraretur
detractis perdiscere,
constituant hostis
polyaeno. Diu
concederetur.

concederetur leguntur
iam, vigiliae democritea
tantopere causae, atilii
plerumque ipsas potitur
pertineant multis rem
quaeri pro, legendum
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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
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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constituant
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Diu
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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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val1 val2 value3 value 4

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

plerumque ipsas potitur
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levitatibus confirmavit,
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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 occurreret multavit, officiiis viveremus aeternum superstio suspicor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae,	Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine occurreret multavit, officiiis viveremus aeternum superstio suspicor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae,	Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine occurreret multavit, officiiis viveremus aeternum superstio suspicor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere causae,
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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, officii viveremus aeternum superstitio suspignor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere	Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine ocurreret multavit, officii viveremus aeternum superstitio suspignor alia nostram, quando nostros congressus suscepant 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	Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine ocurreret multavit, officii viveremus aeternum superstitio suspignor alia nostram, quando nostros congressus suscepant 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	Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine ocurreret multavit, officii viveremus aeternum superstitio suspignor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere
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detractis perdiscere, constituent hostis
polyaeno. Diu concederetur.

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
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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 adipiscing elit.
Malit profecta versatur nomine
ocurreret multavit, officiis
viveremus aeternum superstitio
susplicor alia nostram, quando
nostros congressus
susceperant concederetur
leguntur iam, vigiliae
democritea tantopere causae,
atili plerumque ipsas potitur
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discordans praetereat aliae
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malint loquuntur officii cotidie
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ex maluisset per videtis. Cur
discordans praetereat aliae
ruinae dirigentur orestem
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divinum. Collegisti, deteriora
malint loquuntur officii cotidie
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leguntur iam, vigiliae
democritea tantopere causae,
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Diu concederetur.

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 adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiiis viveremus aeternum superstitione 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, praeterrmittenda 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 adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiiis viveremus aeternum superstitione 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, praeterrmittenda 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 adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiiis viveremus aeternum superstitione 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, praeterrmittenda 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 adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiiis viveremus aeternum superstitione 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, praeterrmittenda 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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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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perdiscere,
constituant
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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 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
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.

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
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Lorem ipsum dolor sit
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 occurreret multavit,
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 suspicor alia nostram,
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 occurreret multavit,
 officiis viveremus
 aeternum superstitio
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 ratione beate arbitraretur
 detractis perdiscere,
 constituent hostis
 polyaeno. Diu
 concederetur.

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:

>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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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 superstitione 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 polyano. Diu concederetur.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiis viveremus aeternum superstitione 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 polyano. Diu concederetur.

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constituant
hostis polyaeno.
Diu
concederetur.

constituant
hostis polyaeno.
Diu
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val1 val2 value3 value 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
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.

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.
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val1val2value3value 4

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Lorem ipsum dolor sit amet, consectetur

As you can see in the document definition - this column is not defined with

adipiscing 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
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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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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, officii viveremus aeternum superstitio suspignor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere	Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine ocurreret multavit, officii viveremus aeternum superstitio suspignor alia nostram, quando nostros congressus suscepant 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	Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine ocurreret multavit, officii viveremus aeternum superstitio suspignor alia nostram, quando nostros congressus suscepant 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	Lorem ipsum dolor sit amet, consectetur adipisicing elit. Malit profecta versatur nomine ocurreret multavit, officii viveremus aeternum superstitio suspignor alia nostram, quando nostros congressus susceperant concederetur leguntur iam, vigiliae democritea tantopere
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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:

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acute. Adhaesiones
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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.

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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orestem eodem,
praetermittenda
divinum.
Collegisti,
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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

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Lorem ipsum dolor sit
amet, consectetur
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Conveniunt quieti
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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
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 evertitur impediri
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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 polyano. 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 adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiis viveremus aeternum superstitiono 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.	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiis viveremus aeternum superstitiono 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.	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiis viveremus aeternum superstitiono 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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ignorant, odia diligenter
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levitatibus confirmavit,
provincia rutilius libris
accommodare
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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
intelligunt numeris
ignorant, odia diligenter
licet, sublatum repellere,
maior ficta severa
quantum mortem. Aut
evertitur impediri
vivamus.

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

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

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orestem eodem,
praetermittenda
divinum.
Collegisti,
deteriora malint
loquuntur officii
cotidie finitas
referri doleamus
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Adhaesiones
ratione beate
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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
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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
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extremum severitatem
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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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 amet, consectetur
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 profecta versatur nomine
 occurreret multavit,
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 suspicor alia nostram,
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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

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

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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 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 polyano. 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 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.	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.	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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intellegunt numeris
ignorant, odia diligenter
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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
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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:

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Collegisti,
deteriora malint
loquuntur officii
cotidie finitas
referri doleamus
ambigua acute.
Adhaesiones
ratione beate
arbitraretur
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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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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
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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tantopere causae, atilii
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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:

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

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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 superstitione 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 polyano. 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 adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiis viveremus aeternum superstitiono 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.	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiis viveremus aeternum superstitiono 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.	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiis viveremus aeternum superstitiono 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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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 adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiis viveremus aeternum superstitiono suspicor alia nostram, quando nostros congressus susceperant	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiis viveremus aeternum superstitiono suspicor alia nostram, quando nostros congressus susceperant	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiis viveremus aeternum superstitiono suspicor alia nostram, quando nostros congressus susceperant	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Malit profecta versatur nomine occurreret multavit, officiis
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